In May 2004, the United States Department of Justice and the District Attorney’s Office for the 4th Judicial Circuit of Mississippi reopened the investigation into the 1955 murder of Emmett Till, a 14-year-old black male Chicago resident murdered while visiting family in Money, MS. It is widely thought that this case marked the beginning of the modern civil rights movement in the United States.

Roy Bryant and his half-brother J.W. Milam kidnapped and murdered Emmett Till on August 28, 1955. The events occurred after Till whistled at Bryant’s wife, Carolyn, while shopping at the Bryant’s store four days earlier. On Sunday morning, August 28, around 2:30 am, several white men, including Bryant and Milam, showed up at the home of Moses Wright, Till’s great uncle, and kidnapped Emmett. By that afternoon, Leflore County Sheriff George W. Smith had arrested Bryant and Milam for the kidnapping of Emmett Till. Both admitted kidnapping Till, but said that they later released him.

On Wednesday morning, August 31, Tallahatchie County Sheriff H.C. Strider reported that the body of a young black male was found in the Tallahatchie River near Phillip, MS, 12 miles north of Money. Officials said the body appeared brutally beaten about the head and had a bullet wound above the right ear. The body was severely decomposed and the head crushed. Moses Wright identified the body by a distinctive signet ring that had belonged to Emmett’s father. Sheriff Strider then ordered the family to have Emmett’s body in the ground before sundown. His remains were sent to a black funeral home to be prepared for burial while workers began digging the grave. Mississippi authorities never performed an autopsy.

Till’s family immediately started working on getting his body shipped home. His mother contacted a Chicago funeral director and asked him to find a way to have Emmett’s body returned to Chicago. The grave in Mississippi was almost finished when the Chicago funeral director finally received approval to stop the hasty burial. Sheriff Strider then agreed to send the body to Illinois on the condition that the casket would remained sealed.

When Emmett Till’s body returned to Chicago, his mother opened the casket and inspected the body. She then decided that Emmett would have an open casket funeral. Nearly 50,000 people streamed passed the glass-topped casket to view his body. Following the funeral on September 6, 1955, the family buried the body in Burr Oak Cemetery, in Alsip, IL.

The same day, Tallahatchie County indicted Roy Bryant and J.W. Milam for kidnapping and murdering Emmett Till. Their trial began on September 15th in Sumner, MS.

The Nominating Committee has announced its list of nominees for 2006-07 officers:

- **Bruce A. Goldberger, PhD** (Toxicology)
- **Joseph P. Bono, MA** (Criminalistics)
- **Kathleen J. Reichs, PhD** (Physical Anthropology)
- **Carol E. Henderson, JD** (Jurisprudence)
- **Thomas L. Bohan, PhD, JD** (Engineering Sciences)

The Nominating Committee is composed of three Fellows elected by the Board of Directors — Ronald Singer (Chair), Kenneth Melson, and Graham Jones, and the immediate past chairs of each of the Academy’s ten sections: Susan Ballou (Criminalistics), Robert Anderson (Engineering Sciences), James Adcock (General), Andre Moenssens (Jurisprudence), Pamela Hammel (Odontology), John Hunsaker (Pathology/Biology), Marilyn London (Physical Anthropology), Richard Rosner (Psychiatry & Behavioral Science), John Sang (Questioned Documents), and Amanda Jenkins (Toxicology).

In accordance with the AAFS Bylaws, nomination for any elected office of the Academy may be made by petition delivered to the Nominating Committee in care of the AAFS headquarters no later than September 1, 2005. Nomination petitions should state the name of the nominee, the office sought, a certificate stating that the candidate is a Fellow in good standing, and the signatures and printed names of 50 Fellows or full Members.
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ABSTRACT DEADLINE

A reminder that the deadline for all abstract submissions is August 1, 2005. Don’t delay; complete the Call for Papers and Abstract form found on pages 21-24 of this issue of “Academy News” for your workshop proposal, breakfast seminar, luncheon session, poster or paper presentation, and submit it to the AAFS office today! You may also submit your abstract online at www.aafs.org.

FUTURE ANNUAL MEETING DATES

February 20-25, 2006 Seattle, WA
February 19-24, 2007 San Antonio, TX
February 18-23, 2008 Atlanta, GA

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The deadline for inclusion of material in the next issue of Academy News is August 1, 2005.
The Consortium hosted its Second Annual Forensic Science Technology Fair on Capitol Hill, April 6 – 7, 2005. It was a great success and hundreds of Congressional staffers stopped by to visit. On Wednesday evening, we hosted a reception and honored two members for their support of forensic science: Congressman Bill Young, Past Chair of the House Appropriations Committee, and Senator Judd Gregg, Past Chair of the Commerce, Justice, State Subcommittee of the Senate Appropriations Committee. Jan Burke asked noted mystery writer Jeffery Deaver (*The Bone Collector*) to come to Washington to make the presentations. Funds for the reception came from about a dozen vendors who exhibited at the Tech Fair. Vendors have been very supportive in our efforts to secure more federal dollars to support forensic science service providers, and we are working with an ad hoc committee chaired by Jamie Downs to find ways to direct that vendor support.

We secured the services of Melissa Milburn who owns a small public relations firm in the Seattle, WA, area to assist our efforts. Melissa has worked with our Washington lobbyist Beth Lavach and came highly recommended. She provided PR support for the Tech Fair which resulted in some good media coverage including a nice story about forensic science in *US News & World Report*. Melissa is also working with the Consortium on a media plan which we are finalizing. Portions of the PR plan include efforts to:

- educate the media about the problems within forensic science
- maintain the high visibility of forensic science issues in media – the *CSI* Effect
- increase CFSO visibility in trade media
- position political supporters to support forensic science through interviews with the media
- leverage stakeholders such as the ABA, IACP, etc., to broaden our support and public awareness
- time media outreach around major forensic conferences
- take advantage of media ties for a public service announcement campaign

We are in the annual budget battles in Congress and facing a similar situation that we’ve faced in the past. The Administration has asked for DNA funds, and we are pressing for funding in other forensic areas. This will be a tight budget year as Congress and the White House are working to cut spending in a variety of areas. We have reached out to a growing list of friends and supporters of the Congress and are optimistic that we can count on continued support. But at this writing the outcome of the budgetary process is unclear. You, the members of the AAFS, are a key factor in these efforts. In the past, we have asked for your help by contacting your Congressmen and Senators. Grassroots efforts are always important. We will be reaching out to Academy members to again make their voices heard to their Members of Congress, and I hope we can count on you to send an email, fax or call your representatives’ offices.

Jan Burke’s CLP – Morgue has been a tremendous success. Jan publishes a twice-weekly report to subscribers recapping forensic science stories in the news. There have been a large number in recent weeks dealing with several topics: the *CSI* Effect, lack of funding, and stories about the Innocence Project. To subscribe, send a blank e-mail from the e-mail address where you want to receive news updates to CLPMorgue-subscribe@yahooogroups.com.

It appears that the media has decided that it is open season on crime labs. Several labs are under fire, and it is disturbing that the forensic science community seldom has the opportunity to speak out to address the negative stories and offer another point of view. Some of the stories are a direct result of insufficient funds to address backlogs. Other stories cover a perception that forensic science is an unregulated profession that needs to be controlled. We hope that our newly begun CFSO public relations efforts will help us convey a different viewpoint and point to the need of a national strategy for forensic services.

Along these lines, many AAFS members have asked about the status of the Congressional directed 180 Day Study which began last summer and the status of the National Forensic Science Commission. I hope to report on the progress on these initiatives in future articles.
2006 Northern Europe Tour
June 9-18, 2006
Helsinki, Finland – Stockholm, Sweden – Tallinn, Estonia

President-Elect James Young and his wife, Eileen, invite you to join them on a ten-day tour (June 9-18, 2006) of three major cities in Northern Europe: Helsinki, Finland, Stockholm, Sweden, and Tallinn, Estonia. The tour will coincide with the 4th European Academy of Forensic Science Meeting that takes place in Helsinki June 13-16, 2006. The timing could not be better: AAFS international travel which promotes cultural exchange, and a major international forensic sciences meeting which provides further opportunities for professional growth.

Specifics regarding the tour (i.e., group tour price, itinerary, and application) will be posted to the AAFS website by mid-July and will also appear in the next “Planning & Development” article of the Academy News. Two highlights included in the package and exclusive to AAFS members and spouses will be an overnight, luxury round-trip cruise to Stockholm, Sweden, and two nights at The Three Sisters Hotel in Tallinn, Estonia.

Please contact me (jhurley@aaafs.org or 719/636-1100) if you have questions or if you want your name added to the AAFS 2006 Northern Europe Tour list.

FEPAC 2005 Accreditation Cycle
At the mid-year meeting in Denver on May 21 and 22, the Forensic Science Education Programs Accreditation Commission (FEPAC) reviewed institutional applications for the Fall 2005 accreditation cycle. Program directors of the six institutions (seven programs) selected for review have been notified of eligibility and advised to begin the institutional self-study reports for the September/October site evaluations.

A Call for Comments from Academy members and other constituencies is requested regarding the following universities:
Duquesne University
Pittsburgh, PA
Master’s in Forensic Science and Law
Bayer School of Natural & Environmental Sciences
Frederick W. Fochtman, PhD, Program Director

Ohio University
Athens, OH
Bachelor of Science in Forensic Chemistry
Department of Chemistry & Biochemistry
Peter Harrington, PhD, Program Director

Oklahoma State University
Tulsa, OK
Master of Science in Forensic Science
Center for Health Sciences
R. Tom Glass, PhD, DDS, Program Director

University of New Haven
West Haven, CT
Bachelor of Science in Forensic Science and Graduate Program in Forensic Science
Department of Criminal Justice
Maj. Timothy Palmbach, MS, JD, Program Director

University of North Texas
Denton, TX
Bachelor of Science in Chemistry or Biology with Biomedical Criminalistic Certificate
Departments of Chemistry and Biology/College of Arts & Sciences
Teresa D. Golden, PhD, Program Director

Virginia Commonwealth University
Richmond, VA
Master of Science in Forensic Science
College of Humanities & Sciences
William B. Eggleston, PhD, Program Director

In conjunction with the review and selection of institutions for the Fall 2005 cycle, commissioners also evaluated eligibility for the six on-site evaluation teams needed for the visits. AAFS academicians and practitioners and six FEPAC observers have been chosen; following suitability and conflict-of-interest issues, final team lists will be posted to the AAFS website. AAFS members interested in serving on future on-site visits should examine the FEPAC Policy & Procedures to determine eligibility and then attend the next training session which will be held on Tuesday, February 21, 2006, at the AAFS Annual Meeting in Seattle, WA.

Finally, summaries of FEPAC meetings and notices of substantive changes to FEPAC Standards and/or Policy & Procedures are posted to the AAFS website. Academy members and appropriate agencies and constituencies are encouraged to monitor the website and contact commissioners or me if there are questions or concerns.

FSEC/WVU
As noted in the May 2005 Planning & Development article, the Seventh Forensic Science Educational Conference takes place this month (July 21-23) on the campus of West Virginia University. The sponsors of this event are the AAFS, Court TV, WVU, and the Forensic Resource Network (FRN). The following provides a draft of the schedule for the FSEC/WVU:

Thursday - July 21, 2005
7:00 - 8:00  Breakfast/Registration
8:00 - 8:50  Welcoming Remarks: AAFS President/Court TV/WVU Provost
9:00 - 9:45  The CSI Effect
9:45 - 10:00  Break
10:00 - 11:30  Workshop #1 (Photography)
11:30 - 12:30  Working Lunch (Court TV presentation)
12:30 - 1:15  Toxicology
1:30 - 3:00  Workshop #2 (Crime Scene)
3:15 - 4:45  Workshop #3 (Blood and Guts)
Friday - July 22, 2005
7:00 - 8:00 Breakfast/Registration
8:15 - 9:45 Workshop #4 (Forensic Chemistry)
9:45 - 10:00 Break
10:00 - 10:45 Odontology
10:45 - 11:30 Entomology
11:30 - 12:30 Lunch
12:30 - 1:00 Break
1:00 - 1:45 Pathology
2:00 - 3:30 Workshop #5 (Fingerprints)
3:45 - 5:00 Workshop #6 (Engineering Sciences)
6:30 Reception at Erickson Alumni Center

Saturday - July 23, 2005
7:00 - 8:00 Breakfast/Registration
8:00 - 9:30 Workshop #7 (Trace/Anthropology)
9:45 - 11:15 Workshop #8 (DNA)
11:30 - 12:30 Lunch
12:30 Review, Questions, Recommendations, Certificates, Closing

FSEC/CCC
Information about the Eighth Forensic Science Educational Conference that will take place on October 8-10, 2005, at Cedar Crest College is available on the AAFS website. Further details and a schedule of events regarding the FSEC/CCC will appear in the next Academy News.

WE HAVE A WINNER!

The AAFS Long Term Planning Committee would like to thank everyone who took the time to complete the 2005 Online Membership Survey. The information has been tabulated and the committee will present the results to the Executive Committee at its summer meeting in Seattle.

Congratulations to Elizabeth A. Miller, PhD, Member of the Physical Anthropology Section. She is the winner of the complimentary meeting registration for the 2006 AAFS Annual Meeting in Seattle, WA.

PRESIDENT’S MESSAGE CONT.

On September 19th, after one hour of deliberation, an all white jury returned a verdict of not guilty of murder. During the trial, the defense called Sheriff Strider who testified that he could not tell if the body was white or black and that the body had been in the river for at least 10 days if not 15 days. The jury foreman said the state failed to prove that the body was that of Emmett Till.

Tallahatchie County prosecutors dropped the kidnapping charge because it occurred in another county. Later, a grand jury in the LeFlore County failed to indict Bryant and Milam for the kidnapping. Milam died in 1980 and Bryant in 1990. No one else has ever been prosecuted for involvement with the kidnapping or murder.

In 2004, New York filmmaker Keith Beauchamp completed a documentary film entitled “The Untold Story of Emmett Louis Till” which suggested that some people involved in Emmett Till’s murder might still be alive. In order to remedy two major defects in the prior investigation, namely the lack of an autopsy and scientific identification of body, the Federal Bureau of Investigation requested that Till’s body, which was buried in Cook County, be exhumed. On June 1st and 2nd of this year, the body, buried for 50 years, was exhumed and autopsied. The Federal Bureau of Investigation, the District Attorney’s Office for the 4th Judicial Circuit of Mississippi, and the Mississippi Bureau of Investigation, along with five members of the American Academy of Forensic Sciences participated in the exhumation and examination of Emmett Till’s body: J. Scott Denton (Pathology/Biology), Douglas Ubelaker (Physical Anthropology), Sandra Koch (Criminalistics), and Sanford Block (Odontology), and myself.

Our most surprising finding was that the body was in nearly the same condition as when the family buried it fifty years ago, and was completely covered with flesh. The decision by Till’s mother to have an open casket with a decomposed body presented certain challenges to the funeral director, not the least of which was odor control. The funeral director lined the bottom of the steel casket with charcoal and straw to absorb odor and fluid and along with placing a tightly fitting glass cover over the body inside the casket to permit viewing. The burial vault was concrete lined with rubber tar. At the exhumation, both the burial vault and casket were in excellent condition with only a small amount of water in the vault and none in the casket.

At this time, this is all that we can reveal. We are awaiting the results of laboratory studies including DNA before issuing our final report about the identification of the deceased and cause of death.
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In the heat, humidity, and haze of summer in the Ohio River Valley, I am already looking forward to the cool climate of Puget Sound in February – remember that our 2006 meeting site will be the inviting city of Seattle, WA.

Although it seems like summer just arrived – take note – the deadline for abstract submission is fast-approaching! Remember, as always, submissions for the meeting in February must be received at the Academy by August 1! Those of you who have had great presentations spinning in your brain, please put pen to paper, or fingers to keyboard, and get those ideas down in writing! You may submit your abstract either in hard copy form (see pages 21-24 of this Academy News), or on-line by going to the AAFS website at www.aafs.org.

The theme for the 2006 meeting, established by President Edmund Donoghue, is “Mass Disasters: Natural and Man Made.” We expect an abundance of exciting presentations related to this theme – as both case-specific presentations of recent events and didactic sessions on how to organize and plan for such events. Remember that the AAFS Annual Meeting offers a wide array of methods in which to present your information, including workshops, breakfast seminars, and platform and poster presentations in the scientific sessions. For those “veteran presenters” in scientific sessions, we encourage you to try new venues such as workshops. Please feel free to contact scientific session chairs, and/or chairs of the specific program events to discuss your ideas. Program Co-Chair Doug Ubelaker and I look forward to seeing you in Seattle.

A WORD FROM YOUR 2006 PROGRAM CO-CHAIR

Tracey S. Corey, MD

PROGRAM 2006 — SEATTLE

AAFS CONTINUING EDUCATION NEEDS

The following is a comprehensive list of recommended abstract topics based on the continuing education needs of the 2004 and 2005 annual meeting attendees:

- Shaken Baby Syndrome
- Pediatric Head Injuries
- Dating of Bone Fractures and Healing
- Unlawful Death in the U.S. with no Criminal Trial
- Ethical Issues
- Lethality of Tasers
- Comparison of Toxicology and Autopsy Results
- Military Speakers on Situation in Iraq
- Death in Police Custody
- Expert Witness Workshop
- Tsunami Recovery
- LCN DNA (Crim/Juris)
- Mass Disaster Investigation
- Evidence Collection to Prosecute Sexual Assault
- Forensic Nurse Examination
- Template Overlays
- Computer Generated Overlays
- Forensic Applications of Molecular Biology
- Molecular Pathology Procedures Used in Forensic Medicine
- Forensic Botany
- Forensic Entomology
- Forensic Evaluations
- Juvenile Offenders

BREAKFAST SEMINARS REMINDER

For all you early risers, the annual meeting breakfast seminars are a great way to start the day! Please contact Jim Adcock (jmadcock@jma-forensics.com/203-335-8827) or the AAFS office if you are interested in presenting a breakfast seminar or have any questions about organizing one.

LAST WORD SOCIETY

Presentations for the Last Word Society at the 2006 AAFS Annual Meeting are being solicited. Since the primary purpose of this session is enjoyment for both the listeners and the presenters, presentations should be on cases of wide general interest which have forensic science connotations. The material presented should represent either new or little known information, a fresh approach to old information, a personal involvement in an unusual case, or one of historical interest.

If you wish to participate, please submit your abstract as soon as possible to the AAFS office. Additionally, you may wish to forward a brief outline of your story to Last Word Society Chair James Starrs.
CRIMINALISTICS

Source: John D. De Haan, PhD Section Chair

One of the best things about being a criminalist is the variety of casework challenges one can encounter. Yes, most of those challenges are room-sized, bench-scale or even microscopic in size, but every once in a while you find yourself looking for answers to problems of disaster proportions. Cases come to mind like identifying the leaking underground storage tank that had flooded the storm sewer system of a small city with thousands of gallons of gasoline (preferably before that city exploded in flames). Or, matching the shoeprints left near the origins of numerous disastrous wildland fires to the shoes of a suspect, before he could set fire to more of the Tahoe National Forest. There were cases where identifying the residues of explosives on the tools, clothing or hands of suspects prevented their further attacks on a community. How about defining the chemical and physical factors that contributed to a horrific nightclub fire, or, on a lighter note, helping confirm the cause of the Great Chicago Fire (of 1871) – somewhat after the fact.

In other criminalistics-related disciplines, we might be called on to identify the mold, contaminant, or poison, or even the DNA of a pathogen, that has caused many illnesses or deaths. The exceptional efforts of the criminalists of the New York OCME in the World Trade Center tragedy demonstrate what our profession can contribute on a massive scale. When the majority of our cases deal with one or two people involved in a single incident, we tend to forget that our talents may be called upon to solve the puzzle in cases of much larger scale, involving hundreds or even thousands of victims.

So, consider this a prelude and an invitation to attend and, better yet, contribute to the 2006 Academy Meeting in Seattle, whose theme is: “Disasters – Natural and Man Made.”

ENGINEERING SCIENCES

Source: Laura L. Liptai, PhD, Section Secretary

Forensic Engineering Certification (IIFES Accreditation): The International Institute of Forensic Engineering Sciences, Inc. is an independent board that certifies professionals with a specialty in the forensic engineering sciences. An IIFES certification indicates that an individual has been determined by his or her peers to be technically competent, forensically experienced, dedicated to ethical work and professionally correct.

Certification is only conferred upon individuals who meet the strict criteria established by the IIFES. The applicant’s education, professional forensic experience, competence in technical matters and ethics issues, and general knowledge are all considered during a process of peer review, culminating in both written and oral examination. Applicants are additionally required to accept and agree to be bound by the IIFES Code of Ethics and Rules of Professional Conduct in their professional engineering science practice.

Forensic engineering science professionals who become certified by the IIFES are awarded a Certificate of Qualification as a Diplomate, IIFES. They are then entitled to represent themselves as being Board Certified by the IIFES and to use the letter designation D-IIFES behind their name. Certifications are in effect for five years and all Diplomates of the IIFES must undergo a re-certification process every five years.

Forensic engineering science professionals who become certified by the IIFES include those with degrees in the many traditional engineering disciplines such as mechanical, electrical, civil, industrial, and chemical engineering, etc., along with those in the engineering-related physical sciences including physics, chemistry, metallurgy, geology, meteorology, biomechanics, optics, and computer science, etc.

To determine if you may be qualified to apply for certification by the IIFES, or for application forms and instructions, go to: www.iifes.org.

Member News: Congratulations to David Newman, Jr., who was selected to receive Penn State’s 2005 Outstanding Engineering Alumnus Award. The award was conferred upon him April 18. Each year, Pennsylvania State University College of Engineering honors the professional achievements of a select group from more than 75,000 living graduates. This year the college recognized ten individuals. Dr. Newman is now acclaimed as one of Penn State’s exceptional engineering alumni, having earned his MS (1971) and PhD (1974) in electrical engineering.

GENERAL

Source: Paul E. Kish, MS, Section Secretary

General Section Program Co-Chairs Julie Howe and Gary Deegear remind section members to be working on abstracts for paper presentations for the upcoming annual meeting in Seattle. Less than a month is left to make the August 1st deadline. Presenting at the annual meeting is an excellent opportunity to present research and/or an interesting case study to peers. The success of the scientific sessions is dependent upon the members’ willingness to share their knowledge, experience, and research findings.

If your topic requires more time than typically allowed for an oral paper or poster presentation, consider proposing a workshop and/or a workshop. The 2006 Workshop Co-Chairs are Robert Barsley (rbarsl@lsuhsc.edu) and Anjali Swintont (scilawforensics@aol.com).

If you fit the criteria for the section’s Achievement Award and want your presentation considered for the award, please remember to indicate this where directed on the Academy “Call for Papers” form. If you should need further information regarding the Achievement Award, please contact Awards Committee Chair James Bailey (jbailey6@earthlink.net).

The General Section Scholarship Committee is offering two $500 scholarships to be awarded annually. Applicants must be an immediate family member, defined as a spouse or dependent child, of a General Section Fellow or Full Member, who is enrolled full-time in a nationally-accredited college or university, with a declared major in a discipline that is accepted by the General Section for membership. If you and your “student” fit these criteria, consider
contacting General Section Scholarship Chair Robert Gaffney (robert.gaffney@usacil.army.mil) for additional information regarding the selection process and the application process which includes the submission of a paper. Keep in mind the deadlines for applications and papers for the scholarships is November 1, 2005.

**JURISPRUDENCE**

Sources: Betty L. DesPortes, JD, MS, Section Chair
Margaret L. Tarver, JD, MS, Section Secretary

Program Committee Update: Co-Chairs Linda Kenney (kenneybaden@msn.com) and Gregory Hill (ghill@law.stetson.edu) are developing several sessions for the 2006 Annual Meeting. Linda and Robert Middleberg (Toxicology) are working on a joint session regarding the lawyer and toxicologist perspectives. Gregory and Alan Felthous (Psychiatry & Behavioral Science) are soliciting interest in a joint session to discuss the roles of psychiatrists and attorneys in death penalty cases. Anyone interested in participating in these sessions should contact the individuals noted above.

Other topics that have been suggested by members include: forensic psychiatry in the criminal arena, the use of forensic anthropology & DNA in mass murder cases, and laboratory audits. Anyone who is interested in working on these or other topics should contact Linda or Gregory.

Best-selling true crime author and former special police officer Ann Rule has agreed to participate in a special program with Linda Kenney and Michael Baden (Pathology/Biology) on “Faction and Fiction from the Criminal Justice System to the Written Novel.”

Individual abstract submissions are strongly encouraged. The abstract submission is available online at the AAFS website. Please remember to submit your abstracts as early as possible.

Awards Committee Update: Committee Chair Harry Miles (Harrymiles@aol.com) requests suggestions from members for nominees for the section award.

Membership Committee Update: Each section member is asked to share the benefits of belonging to AAFS with at least one colleague and encourage that individual to apply to join the Jurisprudence Section this year!

**ODONTOLOGY**

Source: Harvey A. Silverstein, DDS, Section Program Chair

As all of you know, time flies and the August 1st deadline for abstracts will catch you by surprise if you don’t start now.

Now is the time to get working on your abstracts for the 2006 meeting in Seattle.

Special thanks to Tom David for aptly - and with very short notice - covering as Program Chair at the past meeting in New Orleans. He did a great job, while I was sick and unable to get to New Orleans. The meeting went well, but there was a shortage of papers Academy wide, and hopefully more of you have cases to present to the members for learning and interest, as well as advancement in the Academy.

For the meeting in Seattle, we are fortunate to have the District Attorney for Richmond County of New York City, Dan Donovan, agree to speak at the Tom Krauss Memorial Bitemark Breakfast. He is a great speaker and his information will be invaluable.

Again, please get working on those abstracts and send to the Academy now! See you in Seattle.

**SECTION & PROGRAM NEWS**

**PATHOLOGY/BIOLOGY**

Source: Victor W. Weedn, MD, JD, Section Secretary

The deadline for abstract submission for the Feb 20-25, 2006 meeting in Seattle is **August 1, 2005**. Section Program Chair Scott Denton strongly encourages early submission to ensure correct processing and thorough review. Information is posted on the AAFS website for instructions about online submission. The meeting theme is “Mass Disasters: Natural and Man Made.” Dr. Denton adds that the joint session with Toxicology will again be held on Friday afternoon with a theme of “Interpretation of Postmortem Drug Values.” Papers on this topic as well as those regarding stun gun/Taser related deaths are solicited. Additionally, abstracts on the biomechanical analysis of trauma are welcomed in anticipation of a joint Pathology/Biology/Engineering Sciences session.

The section also values submissions from residents in training, who are eligible for the Best Resident Paper award. Jack Frost, Chair of the Awards Committee, underscores the consistently high quality of the residents’ efforts.

Section Chair Karen Ross encourages development of half- or full-day workshops or more brief workshorts presented on Monday and Tuesday before the regular scientific sessions. These not only are a revenue source for the section, but also facilitate intensive coverage of special topics, particularly of multidisciplinary interest.

Research proposals are to be submitted to Keith Pinckard, Chair of the Research Committee by the December 1 deadline. Any member who wishes to apply for funding should contact Dr. Pinckard directly at drkpinckard@yahoo.com.

Lastly, please contact Marie Hermann to nominate worthy individuals for the Section Awards.

If you have questions and/or comments regarding the section, contact the Pathology/Biology Secretary Victor Weedn (412-396-1416/600-4211 or weednv@duq.edu).
Source: Todd W. Fenton, PhD, Section Secretary

The theme of the 2006 meeting in Seattle is "Mass Disasters: Natural and Man Made." As the August 1 deadline for abstracts approaches, Program Chair Mike Warren (mwarren@ufl.edu) expects many abstracts related to after-action critiques and lessons learned from responses to past incidences. Mike also anticipates at least one workshop related to identification in mass fatalities, and at least one full symposium related to past responses, or research related to future responses. However, please submit your quality research papers even if unrelated to this year's theme.

The Ellis Kerley Forensic Sciences Foundation has modified its procedure on the review of papers for the Kerley Paper Award. For 2006, all eligible abstracts (i.e., those with an AAFS Member, Fellow or Provisional Member of the Physical Anthropology Section as either a single author or a senior author) will be considered for the award. The committee will then check with each eligible author to see if they wish to be included in the competition. Information on the award criteria may be found at www.kerleyfoundation.org.

FOX TV's 2005 Fall lineup will feature the new show Bones, based on the real-life experiences and bestselling works of novelist-forensic anthropologist Kathy Reichs. In this drama series, an anthropologist and her team of scientists help solve murders, frequently teaming up and clashing with a former Army Ranger who distrusts science. The show, starring Emily Deschanel as a crime-solving forensic anthropologist, was expected to debut in the 8:00 pm EDT slot on Tuesdays this fall and move to 9:00 pm in January 2006. Kathy Reichs' new book, Cross Bones, was released June 28. Visit www.Cross-Bones.com for an interactive experience based on the book.

The FORDISC 3.0 workshop that was offered at the 2005 meeting in New Orleans will be offered at the Mountain, Swamp & Beach regional meetings in Chattanooga over Labor Day weekend. The workshop will take place on Sunday, September 4, and the cost will be $175. An RSVP by August 15 is necessary. Contact Tom Bodkin at (TomB@mail.HamiltonTN.gov) or visit the UTK website at http://web.utk.edu/~anthrop/FAC databank.html for more information. Please contact Elizabeth Murray (elizabeth_murray@mail.msj.edu) to be added to the MSB email list.

The University of Central Lancashire Department of Forensic and Investigative Science is proud to provide a competitive scholarship for the MSc Forensic Anthropology Course. The scholarship is specifically for a student from a developing nation with needs in the field of forensic anthropology. The scholarship will fund a total of £13,000 to be divided as follows: £8000 fees and £5000 stipend to cover some of the costs of travel and subsistence while the student is at UCLan. Please contact course leader Tal Simmons (talsimmons@uclan.ac.uk) for scholarship criteria and further information.

Source: Stephen B. Billick, MD, Section Secretary

The section congratulates AAFS Fellow Alan R. Felthous on his nomination to be President-Elect of the American Academy of Psychiatry and the Law (AAPL).

Dr. Felthous was nominated at the semi-annual meeting of AAPL, May 2005, in Atlanta. No other nominations were made from the floor as he was thought to be the ideal choice by all present. AAPL is one of the most important organizations in the world devoted solely to forensic psychiatry, and the section takes great pride in congratulating Dr. Felthous on his nomination. Dr. Felthous has served as Section Secretary and Chair, and has been a devoted, hard-working member of AAFS.

AAPL Membership Promotions: Section Chair Dan Martell and Section Secretary Stephen Billick would like all members of the section to review their membership status and inquire, through the AAFS office, about their eligibility for promotion to the next membership category. If you need help in understanding the requirements, please feel free to email Kimberly Wrasse (kwrasse@aafs.org) for clarification and assistance.

Edward Hicks has published a new book in March 2005: 50 Signs of Mental Illness: A Guide to Understanding Mental Health, Yale University Press. His book has received several 5-star reviews at the Barnes & Noble online website.

1st Annual Section Benefit Planned for Seattle:

Dr. Martell and Dr. Billick are actively planning a Gourmet Dinner and Opera Benefit for the section on the evening of Saturday, February 25, 2006, in Seattle. Kaspar's is one of the highest rated restaurants in the Northwest and has a delightful tasting menu. The gourmet courses will be paired with delicious wines to complement the food. Afterwards, we will attend the Seattle Opera production of Così fan Tutte. This is one of the most beautiful and popular operas ever written and performed. Mozart wrote it in Italian, and there will be English supertitles for us to follow the story line while swooning to the tunes. This will be a terrific evening to cap off a memorable week at the convention, a wonderful time to relax with friends and colleagues enjoying our final night in Seattle before returning home. To reserve a place or to simply express interest, please email Dan Martell (damartell@aol.com). We already have received several positive responses to get us started. The Seattle Opera is extremely popular and regularly sells out, so we need to be able to plan ahead to get enough tickets. The event will be priced at $250 which includes a minimum tax-deductible contribution to the section of $50. We will also have the opportunity for larger contributions of a greater amount for those wishing to be Patrons of the evening. Come and have a great time together!

Membership Recruitment: AAFS is a wonderful organization and we should all try and remember to share it with our colleagues. Dr. Martell encourages all section members to keep up the good work of recruitment.
Royal College of Psychiatrists: Richard Rosner presented a paper entitled, “Forensic Psychiatry is not Socio-Legal Psychiatry” at a joint Anglo-American conference at the Royal College of Psychiatrists, in London in May 2005. Dr. Billick also presented, speaking on “Adolescents: Neither Child nor Adult.” Both talks were very well received by the Brits.

A Reminder: The Section Program Chair for the 2006 Annual Meeting in Seattle is Mohan Nair, assisted by Manuel Lopez-Leon. Start planning your submissions now. Seattle is a terrific city to visit and you won’t want to miss it. It’s even better to submit and be on the program! You can go to www.aafs.org to download the submission forms.

SECTION & PROGRAM NEWS

Source: William M. Riordan, BA, Section Secretary

James Tarver has announced that David Oleksow and he are the 2006 Section Program Co-Chairs.

In keeping with the theme of the 2006 Seattle meeting, Jim and Dave are working to locate and bring together experts for a workshop on restoration techniques for documents that are damaged by fire, water, or exposure to other elements. If anyone has experience with such experts, or direct experience in this field, please contact Jim (james.tarver@wsp.wa.gov) or Dave (doleksow@att.net).

The 2006 program will also include a digital technology workshop. Some laboratories are fully digital, others are becoming so, and still others have yet to make the transition. This workshop will provide information regarding equipment and techniques to simplify the organization of case files, prepare worksheets and case notes, and present cases in court.

As the 2006 meeting in Seattle gets closer, the deadline for papers is approaching quickly. Abstracts are due by August 1, 2005. All presenters are encouraged to prepare their abstracts according to the Announcement and Call for Papers found on pages 21-24 of this issue of Academy News.

Section members should remember to encourage colleagues who meet membership qualifications to apply for membership in the Questioned Document Section of the AAFS. Also, members who meet the requirements for promotion are encouraged to apply early. Applications for membership and applications for promotion are available on line at www.aafs.org.

The section is very fortunate to have Peter Stout serving in the capacity of Workshop Chair. Those who know Peter are awed by his energy and enthusiasm and he has already applied these traits towards developing the workshops. Preliminary workshops have been put forward dealing with: Geriatric Toxicology; Mass Spectral Acceptance Criteria – a Worldwide Approach; Street Drugs for Toxicologists – the Police Perspective; and Toxicology – the World Outside of Drugs. If you have suggestions for additional workshops, please let Peter know (pstrout@rit.org or prlrs@tds.net).

All abstract submissions and workshop proposals must be postmarked no later than August 1, 2005. For workshops, the requisite materials should be forwarded no later than the early part of July since the Toxicology Section must review the materials prior to being sent to the Academy office for consideration. For all submissions, please adhere to the August 1 deadline since the Academy is adamant about it. Materials’ abstracts postmarked after August 1, 2005, will most likely be rejected. So please, the earlier the better!

There are an incredible amount of details associated with ensuring the entirety of the program. Volunteers for such functions as moderators, abstract reviewers, etc., are desperately needed. If you can assist in any capacity, no matter whether you are a Student Affiliate, an Associate Member or Fellow, your assistance is appreciated. Additionally, if you foresee needing a meeting room or time for something, please provide that information as soon as possible in order to make sure it is considered and scheduled. Lastly, while we all attend meetings for both the intellectual and social aspects, most of us do not give much consideration concerning how the meeting can occur fiscally. For the Toxicology Section, we rely very heavily on our sponsors. In fact, sponsorships account for many meeting aspects, including everything from social hours to coffee breaks. We have been privileged and honored in the past to have had such generous sponsors. In order to make the upcoming meeting as enjoyable as others, we again must rely on such generosity. Your assistance to gain sponsorship would be most appreciated. Please contact Robert Middleberg directly (robert.middleberg@nmslab.com).

We have a very exciting program planned so far, and we are confident that the meeting will offer more than something for everyone. So, make your plans early for Seattle and join us for an educational and social treat in the great Northwest!
Information regarding the many awards and grants given by the Foundation has been mentioned in recent issues of the Academy News. Grants both great (Lucas up to $5,000) and small (Acorn up to $500) are available for a good idea and the presentation of same. Travel Grants and Emerging Forensic Scientist Awards are also in progress. Put on your thinking caps, put pen to paper (or mouse to monitor), and submit your paperwork.

The FSF Future Committee, chaired by Ken Field, has met several times to study the Foundation’s history, the state of the forensic sciences today, and the role that the Foundation should play in the future. Members of the committee have taken their job seriously, and the final report of the committee has been submitted to the Foundation Trustees. Now that the recommendations have been made, it is up to the Trustees to plan and implement these ideas.

The goal of $500,000 by 2005 can be reached in the next six months with your help. Philanthropy to support your profession reaps double rewards. Helping a worthy cause, yes, but also helping your profession.

**FSF ANNOUNCES ANNUAL MEETING TRAVEL GRANT FOR STUDENTS**

The Forensic Science Foundation (FSF) is proud to offer, once again, a Travel Grant for Students to assist with travel expenses in attending the American Academy of Forensic Sciences (AAFS) Annual Meeting. This is a wonderful opportunity, and members are encouraged to promote it.

**Travel Grant Guidelines:**

- The applicant must be a fourth year undergraduate or a graduate student at an accredited four-year college, university, or professional school whose accreditation is acceptable to the FSF Board of Trustees.
- The applicant must have a letter of recommendation from his/her advisor or professor.
- The applicant must submit a 400-600 word essay explaining how attendance at an AAFS meeting will impact his/her career decision.
- The applicant must include a letter of application which contains information such as forensic science specialty and other pertinent data related to his/her forensic background as well as his/her curriculum vitae.
- The deadline for submission of the completed applications (including letter of application, recommendation, essays, and CV) is October 1, 2005. Please forward your letter of application, your letter of recommendation, and your essay to Anne Warren at AAFS, 410 N. 21st Street, Colorado Springs, CO 80904.
- Applications will be judged by the FSF Student Travel Grant Subcommittee on a scale of 1 to 5 (5 being outstanding) based on the documents submitted.
- The successful grant recipient will be notified by November 15, 2005, and will be acknowledged in the January issue of Academy News.

The FSF Board of Trustees is able to approve the expenses, not to exceed $600 per student, for up to three (3) students this year. A complimentary meeting registration is included with the $600 grant for travel expenses. It is hoped more student support will become available in the future. Good luck!

**PAUL COVERDELL FORENSIC SCIENCE IMPROVEMENT GRANT**

The National Institute of Justice has recently announced the Paul Coverdell Forensic Science Improvement Grant. This grant will award $13,773,089 to state and local governments to improve the quality and timeliness of forensic science and medical examiner services.

The Paul Coverdell Grant should cover a laboratory renewal process created by Quality Forensics. Designed specifically for forensic laboratories, the Forensic Laboratory Renewal Program (FLRP) will increase laboratory efficiency, reduce costs, and decrease case backlogs.

For more information, contact the National Institute of Justice (www.ojp.usdoj.gov/niij/) or Quality Forensics (www.qualityforensics.com).
Forensic scientists who have matured under the 75-year-old Frye standard of “general acceptance” have faced intense challenges to their reliability and validity in the wake of the U.S. Supreme Court’s ruling in Daubert v. Merrell-Dow, 509 U.S. 579 (1993). Forensic scientists presently sit at the epicenter of a fundamental shift of their legal foundations; new forensic scientists enter the field to face unprecedented challenges to their areas of specialized knowledge.

PURPOSE: To nurture a productive dialogue between emerging judicial and forensic standards of reliability and validity, the Forensic Sciences Foundation is pleased to offer the 7th Annual Emerging Forensic Scientist Award. The award will be presented to the author of the best paper on any topic focusing on the reliability and validity of techniques, processes, or methods in a forensic area of the author’s choice.

HOW TO ENTER: Entrants should submit an abstract of the proposed paper to the AAFS Program Committee by August 1, 2005, in compliance with AAFS abstract criteria, and indicate that the abstract is submitted for the Emerging Forensic Scientist Award. Initial review and acceptance/rejection of the abstract will be done by the AAFS Program Committee which will focus specifically on the abstract’s treatment of reliability and validity issues.

SELECTION PROCESS: Abstracts accepted by the AAFS Program Committee and the EFSA Program Committee will be scheduled for presentation during the scientific session of the section which accepted the abstract, and evaluated by representatives of the Multidisciplinary Awards Committee appointed by the Forensic Sciences Foundation Board of Trustees. Announcement of the winning entry will be made in the Academy News following determination of the winner by the Awards Committee. The Award will be presented during the 2007 Academy Business Meeting in San Antonio, TX.

CRITERIA TO ENTER: An eligible entrant need not be an AAFS member. However, entrants who are AAFS members must be a Student Affiliate or Trainee Affiliate. All entrants must be within three years of completion of formal training (must submit proof from laboratory director or university professor) at the time the paper is presented in 2006. Only the presenter is eligible for the award; no substitutions will be accepted after the application is submitted. The decision of the Awards Committee is final and the amount of the award is firm. The form below must be completed and sent with the abstract submission to the AAFS office by the August 1, 2005, deadline.

THE AWARD: The award will cover the expense of the recipient’s attendance at the 2007 meeting, including registration, airfare, five nights lodging, and $75/day per diem. A commemorative plaque will also be presented to the award winner at the 2007 AAFS Annual Meeting in San Antonio, TX.

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**FSF EMERGING FORENSIC SCIENTIST AWARD ENTRY FORM**

I am submitting an abstract to the FSF Review Panel to be considered for the Emerging Forensic Scientist Paper Award. The AAFS Section in which I wish to present is: ________________________________________.

I entered the field of forensic science in _______.

Name _________________________________________________________________________________________

Employer ______________________________________________________________________________________

Street Address __________________________________________________________________________________

City/State/Province ______________________________________________________________________________

Postal/Zip Code ___________________________ Country ____________________________________________

Telephone __________________ Fax __________________

E-mail _________________________________________________________________________________________

Send this form by August 1, 2005, to: AAFS 2006 Program Committee

PO Box 669

Colorado Springs, CO 80901-0669

I hereby acknowledge that I have read and comply with the requirements noted above and that the information provided is true and correct. Attached is a letter from my affiliated laboratory/university. My resume and completed “Call For Papers” form (found on page 15 of this issue of the Academy News) also are attached.

_________________________________________________ ______________________

Signature Date
The Forensic Sciences Foundation, Inc., gratefully acknowledges the generous contributions made to the Foundation and its Endowment Fund. Please accept our apologies if your name has been inadvertently omitted and contact the AAFS office as soon as possible with the correction. This listing reflects contributions received from 8/01/04 through 6/01/05.

The Fund’s balance through 6/01/05 was $393,925. Additionally, the Endowment has provided $58,363 in awards and grants since its inception in 1990.
$51-$100 - “Trustee”
John B. Carraher, LLB
William Head, JD
Donald E. Mielke, JD
Don Harper Mills, MD, JD
Andre A. Moenssens, JD, LLM
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Cynthia L. Windsor, JD

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Robert G. Williams, DDS
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Yoshihiro Takaesu, DDS, PhD
Anthony K.Y. Sur, DDS
Paul G. Stimson, DDS
Norman D. Sperber, DDS
Helena Soomer, DDS
Michael N. Sobel, DMD
Elizabeth R. Smith, DDS
James G. Schaus, DDS
Harvey A. Silverstein, DDS
Michael N. Sobel, DMD
Helena Soomer, DMD
Norman D. Sperber, DDS
Paul G. Stimson, DDS
Anthony K.Y. Sur, DDS
Yoshihiro Takaesu, DDS, PhD
Warren Teves, DDS
Elverne Tonn, DDS
Kathryn I. Vitiello, DMD
Allan J. Warnick, DDS
Bruce Wiley, DMD
Robert G. Williams, DDS
Robert D. Willis, DDS
Mark C. Wolanin, DDS
Bernard J. Wujcik, DDS
Douglas L. Wyler, DDS

$101+ - “Executive’s Circle”
Hideo Itabashi, MD

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Thank you for your commitment to forensic sciences. Contributions to the Forensic Sciences Foundation are deductible as charitable contributions for federal income tax purposes. Your contribution will be acknowledged in the Academy News.

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Account No: ____________________________________________________________

Signature: ___________________________________________________________

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Signature, Account Number and Expiration Date Required for Credit Card
The following individuals have submitted applications for Associate Member, Trainee Affiliate, or Student Affiliate. Applications that are received and completed by October 1, 2005, will be considered for approval at the February 2006 Board of Directors Meeting. Due to space constraints, AAFS does not list members who are applying for promotion to Fellow or to Member. Comments regarding an applicant should be submitted in writing to: Kimberly Wrasse, Membership Services Coordinator, AAFS, 410 North 21st Street, Colorado Springs, CO 80904-2798. Comments must be received by February 15, 2006.

CRIMINALISTICS

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Agucci, Jeffrey E., BS
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Berry, Renita L., MA
Beaufort, SC

Blair, Sarah A., MSFS
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Bommarito, Angelo J., Jr., MS
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Bowman, Rosalind A., BS
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Brooks, Carolyn H., BA
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Brown, Stacey E., BS
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Campbell, Kimberly, BS
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Clery, James M., MSc
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Collins, Eric R., BS
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Cox, Keely, MSFS
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Bemidji, MN

Fisher Sargent, Heather, MFS
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Foster, Elana, BS
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Freas-Lutz, Diana, MFS
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Lemire, Christine, ALM
Merrimack, NH

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Markert, Hillary, MFS
Largo, FL

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Newkirk, Raina K., MS
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Ngo, Wynn Uyen, MS
Houston, TX

Oommen, Zachariah, PhD
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Planz, John V., PhD
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Soury, Rima, BSc
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Stagnaro, Venessa, BA
Richmond, CA

Valentin, Peter R., BSFS
Brookfield, CT

Zannin, Anita, BS
Amherst, NY

Student Affiliate
Ade, Brooke E.
Fairfax, VA

Burgomaster, Jeremy
Fairfax, VA

continued on page 18
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ENGINEERING SCIENCES

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Spanbauer, Alan C., MBA
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Dutton, Emma
Salent, OR

Eckert, Charles, MD
Metaire, LA

Egger, Steven A., PhD
Houston, TX

Ehleringer, James, PhD
Salt Lake City, UT

Fish, Jacqueline T., MS
Powell, TN

French, Julie L., MS
Lansing, MI

Gaut, William T., MA
Naples, FL

Grant, Jami R., PhD
Baltimore, MD

Hager, Jon M., MSFS
Atlanta, GA

Hark, Richard R., PhD
Huntingdon, PA

Harris, Deborah A.
San Bernardino, CA

Henry, Christina L., BS
San Leandro, CA

Hoover, Keith, BS
Washington, DC

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Dallas, TX

Molinao, James, BS
Bernardville, NJ

Murdoch, Ronald, II, MFS
Orlando, FL

Nann, Stephen P., BS
Edwardsville, IL

Ramsland, Katherine, PhD
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continued on page 20
TOXICOLOGY

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Lazenby, Justin, MS
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Paladino, Michelle, MFS
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Murfreesboro, TN
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Chandigarh India
Smith, Angela M., BS
Versailles, KY
Sweet, Amanda, BS
Lawrenceburg, KY
Zittel, Donna, BS
Stillwater, MN

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Duncan, Katie
Lexington, KY
McReynolds, Jennifer A., PhD
Rolling Meadows, IL

Student Affiliate
LaGoo, Lisa
St. Paul, MN
Serena, Danielle
Tallahassee, FL

IN MEMORIAM

Boyd G. Stephens, MD, Fellow of the Pathology/Biology Section, April 2005.

ABSTRACT FORM AVAILABLE TO SUBMIT ONLINE!

The Call for Papers deadline is fast approaching! Do you have an interesting and educational topic to present at the AAFS 58th Annual Meeting, February 20-25, 2006, in Seattle, WA? The deadline for submission of all abstracts is August 1, 2005. Please submit your abstracts now and keep in mind the meeting theme, "Mass Disasters: Natural and Man Made." The AAFS Call for Papers form may be found on pages 21-24 of this issue of Academy News. HOWEVER, did you know you may also submit an abstract online? The online process is faster, easier, and provides immediate feedback from the AAFS office.

What are the requirements? Only that you have an e-mail address to receive your password and future communications from AAFS headquarters.

What are the advantages? You will receive immediate confirmation of receipt of your abstract, the assurance that your paper has been received at the AAFS headquarters, and best of all, access to your abstract for editing.

Remember, the deadline for receiving your abstract is August 1, so have your abstract and curriculum vitae ready to attach and send electronically. Visit the AAFS website at www.aafs.org, and follow the meeting links to the AAFS Call for Papers Online Form.

Arthur M. Sackler Colloquia of the National Academy of Sciences

Forensic Science: The Nexus of Science and The Law

November 16-28, 2005
Washington, DC

This Colloquium will review the science in forensic science from multiple perspectives: the perspective of government forensic laboratories, the basic science underlying forensic technologies, and, of course, from the perspective of the courts, which ultimately must judge what scientific evidence should be admitted.

For more information, contact Alyssa Cruz (949/387-2923; acruz@nas.edu) or visit www.nas.edu/sackler/forensic.
The 58th Annual Meeting of the American Academy of Forensic Sciences (AAFS) will be held February 20-25, 2006, in Seattle, WA.

The Program Committee solicits the submission of abstracts on topics of interest to the forensic science community. **August 1, 2005**, is the deadline for the submission of abstracts.

Scientific papers selected for presentation will be divided into two groups:

- Platform Presentation (standard scientific session)
- Poster Session

The Program Committee will select appropriate abstracts from those **submitted by the August 1, 2005**, deadline.

Abstracts of papers must be submitted on the official abstract form which accompanies this announcement. Specific format and content requirements for the abstracts are noted on the form. A current copy of the presenting author’s curriculum vitae must be attached to the original abstract form.

If you wish to submit your abstract on-line, go to the AAFS website at: www.aafs.org.

**2006 Annual Meeting**

**General Information**

**Key Words**

Each author is to provide three key words or terms in the space provided on the abstract form.

**Oral Presentation**

Each scientific session meeting room will be equipped with a lighted pointer, podium, microphone, LCD projector, and screen. 35mm projectors must be requested. A limited number of slide trays will be available. Speakers are encouraged to bring their own slide trays.

Requests for additional audio-visual equipment will be reviewed by the Program Committee and are subject to approval by the Section Chair. Speakers will be notified of the disposition of their requests.

**Poster Presentation**

Each author selected for poster presentation will be provided with a 4’ x 8’ tack board on which to display material related to his/her presentation. Thumb tacks will be provided. If material is better suited as a table top display, please indicate on the abstract form.

All speakers and presenters (oral or poster) are required to register for the annual meeting. If your abstract is accepted for presentation, you will be required to pay the normal registration fee for the annual meeting.

The *Journal of Forensic Sciences* has the first publication rights to all previously unpublished reports and papers presented at the Academy’s annual meeting. The *Journal’s* right of this publication is limited to six months from the date of presentation.

**Notification of Acceptance**

Notification of Acceptance will be sent to all presenting authors by November 1, 2005. Meeting registration materials will be sent to presenting authors.

**Oral Presentations**

**Content**

1. The presentation must cover the material reported in the abstract.
2. The opening statement of the presentation should acquaint the audience with the nature and purpose of the paper.
3. Sufficient time should be allocated to the results of the study, and should be stated simply and clearly so that the significant facts can be readily identified.
4. The presentation should be concluded with a concise summary of the essential findings or results.

**Time**

The final determination as to the length of time that will be allocated to a specific paper rests with the Section Program Chair. However, 15 minute presentations are standard.

**Poster Presentations**

**Content**

A well-designed poster should:

1. Inform the observer as to the subject matter, the information contained and the conclusions drawn;
2. Indicate how the experiments were designed and how the results were obtained; and
3. Facilitate discussion between the author(s) and the viewers.

**Preparation**

Authors have complete freedom to choose ways of displaying their information in figures, tables, text, photographs, etc. However, they should avoid crowding too much information into a limited space. The poster may be augmented by the use of manuscripts and sketch pads with marking pens.
INSTRUCTIONS FOR ABSTRACT, 35MM SLIDES, & LCD PROJECTION

General Instructions

Content of Abstract
Your abstract should be informative, containing:
1. A short specific title.
2. The Learning Objectives.
3. A sentence statement of the paper’s hypothesis or proposition.
4. A brief synopsis of the content, or statement of the methods, whichever is pertinent.
5. A summary of the results obtained, if pertinent.
6. A general statement of conclusion, if possible.
7. A minimum of one-half page (approximately 500 words) to a maximum of one full page (approximately 700 words) in length. Abstracts which do not meet the one-half page minimum will not be printed in the AAFS Proceedings.
8. Three key terms.
9. A brief statement of what impact the presentation or research findings will have on the forensic sciences and/or humanity. Abstracts should NOT be written in the first person.

Format of Abstract
Your abstract must be typed and submitted in a legible format following the instructions provided below:
1. The title, names of authors with respective degree(s), and addresses must be stated exactly as you wish them to appear in the program. Indicate with an asterisk (*) who will be presenting.
2. Type abstract single spaced, 10 point type size, and return it along with a copy on disk.
3. Type all copy, including title, in upper and lower case; capitalize and punctuate exactly as you wish the abstract to appear.
4. Exercise care in preparing the abstract. If unsuitable for publication as received, the abstract will be returned to the author for correction, revision, or completion.

35mm Slides
35mm slide projectors are not part of the standard AV package and must be reserved. Please indicate your request for a slide projector by checking “other” and stating so on item #8 Audio/Visual Requirements on the next page. Noted below are the official guidelines in preparing 35mm slides for presentation at the 2006 AAFS Annual Meeting:
• Limit the information on each slide to a single point or idea.
• Keep slides simple with plenty of open space between lines.
• Limit messages to seven lines or less. Do not use more than seven words per line.
• Do not crowd the slide. Two or more simple slides are better than one that is complex and crowded.
• Use simple graphs and illustrations with a minimum of captions. Avoid using thin lines, dots, dashes, or other specialty lines unless they are very bold and black.
• Avoid backing up the projector. If you need a frame twice, make a duplicate frame.
• Check your computer resolution by going to your computer’s control panel, selecting “Display” then “Settings.” Recommended resolution is 1024 x 768 (XGA).

Word Processor Preparation
An electronic copy of your abstract submission is required. Please follow the format guidelines provided below:
1. Software: Microsoft® Word for Windows is preferred.
2. Type size: 10 pt (10 characters per inch).
4. Margins: top: 1”, left side: 1”, right side: 1”.
5. References/Footnotes: do not put in the header or footer of the document.
6. Do not embed objects, pictures, tables, or charts within document.
7. No boxes, frames, or lines.
8. Remove editing comments, notes, etc., and accept tracked changes in the document prior to saving and submitting.

Specific Instructions
1. Complete attached form.
2. Follow instructions provided in typing abstract.
3. Proofread all information provided.
4. Attach one current copy of presenting author’s curriculum vitae to original abstract form. Return the original abstract, with attached c.v., and a copy on disk, by August 1, 2005, to:

Mailing Address: PO Box 669
Street Address: 410 North 21st Street
Colorado Springs, CO 80904-0669
Colorado Springs, CO 80901-0669

Sample Abstract
Injury Pattern Analysis in Fatal Traffic Crash Investigation
Michael D. Freeman, PhD, DC, MPH*, Oregon Health and Science University School of Medicine, 3071 Dogwood Drive South, Salem, OR 97302; and Clifford Nelson, MD, Medical Examiner Division, Oregon State Police, 301 Northeast Knott Street, Portland, OR 97212-3092

After attending this presentation, attendees will understand some principles of crash investigation, the necessary elements for the application of Injury Pattern Analysis, characteristic injury patterns of certain types of crashes, and an example of a practical application of Injury Pattern Analysis.

This presentation will impact the forensic community and/or humanity by serving as a key aspect of fatal crash investigation as it can augment traditional means of investigation in a systematized format via interdisciplinary communication and collaboration.

Reconstruction of a fatal crash can be augmented, in certain circumstances, by information gleaned from the postmortem evaluation. Further improvement of the scope and accuracy of an investigation can result from evaluation of the injuries of crash survivors, taking into account the conformity of individual vehicle interiors as well as the movement of the occupants during the crash.

The term “Injury Pattern Analysis (IPA)” is proposed as a description of a fatal crash investigation technique that utilizes accident investigation, and reconstruction techniques, occupant kinematics, postmortem records, hospital and healthcare provider acute injury records, and other evidence as an adjunct to the investigation of homicides resulting from fatal crashes.

The authors will present a case study in IPA as an example of the practical application of the technique. It is recommended that medicolegal death investigators become familiar with the principles of IPA.

Crash, Fatal, Investigation
Complete all of the Following Information

NOTE: In order for your paper to be considered for presentation you are required to complete ALL areas of this form. Incomplete information will be returned to the author for completion. Those who wish to submit their abstract on-line, go to the AAFS website at: www.aafs.org.

1. Presentation Choice: [ ] Oral  [ ] Poster  [ ] Breakfast Seminar  [ ] Luncheon  [ ] Workshop  [ ] Workshort

2. Section Selection: Please circle the section in which you desire to present a paper: Criminalistics, Engineering Sciences, General, Jurisprudence, Odontology, Pathology/Biology, Physical Anthropology, Psychiatry & Behavioral Science, Questioned Documents, Toxicology, Last Word Society

3. Amount of Time Required: __________________________

4. Presenting Author, Name & Mailing Address: _____________________________________________________________

Telephone # (______) _____________________  Fax # (______) ____________________  E-mail ________________________________

5. Is the presenting author an AAFS member/affiliate or applicant?  [ ] Yes  [ ] No  If yes, AAFS ID # __________________________

   a. If AAFS member/affiliate/applicant, please list section affiliation: _______________________________________________________

   b. Is abstract a candidate for: Pathology/Biology Best Resident Paper?  [ ] Yes  [ ] No (publication ready manuscript required)

      General Section Achievement Award?  [ ] Yes  [ ] No

      Physical Anthropology Ellis R. Kerley Award?  [ ] Yes  [ ] No

      Physical Anthropology J.L. Angel Student Award?  [ ] Yes  [ ] No

      FSF Emerging Forensic Scientist Award?  [ ] Yes  [ ] No

6. Co-Author(s) Name(s), Address(es) and Business Affiliation (attach additional sheet if required):

___________________________________________________________________________________________________________

7. Has this paper been presented or published before?  [ ] Yes  [ ] No

   If yes, where and when? _____________________________________________________________

8. Audio/Visual Requirements: Each room will be equipped with a screen, electronic pointer, lectern microphone, and an LCD projector. All additional equipment must be requested and is subject to approval by the Section Chair.

   [ ] Other Equipment Requested: ________________________________________________________________

9. AAFS Policy on Full Disclosure of Faculty Financial Interests or Relationships

   It is the policy of the Continuing Education Program of the American Academy of Forensic Sciences to ensure balance, independence, objectivity, and scientific rigor in all its educational activities. All faculty participating in these programs are expected to disclose to the program audiences: (1) any real or apparent conflict(s) of interest related to the content of their presentations, (2) discussion of unapproved (unlabeled) uses of pharmaceuticals /medical devices, and (3) ongoing research (preliminary) data. The intent of this disclosure is not to prevent a speaker with a financial or other relationship from making a presentation, but rather to provide listeners with information on which they can make their own judgments about the presentation. It is also the policy of the AAFS that all speakers must disclose whether non-FDA approved uses of pharmaceutical products or medical devices are included in the presentation. In keeping with this procedure, the faculty or presenter is required to complete and sign the following disclosure statements:

I. Will your presentation include any discussion of commercial products or services?  [ ] Yes  [ ] No

   If yes, please list all manufacturer(s) or provider(s) and describe the nature of the relationship(s) (attach additional pages as needed):

   ___________________________________________________________________________________________

II. Is this activity/presentation financially supported?  [ ] Yes  [ ] No  If yes, by whom? ___________________________ and in

   what form?  [ ] Grant Support  [ ] Paid Consultant  [ ] Employee  [ ] Shareholder  [ ] Speakers Bureau

III. Does this presentation include the discussion or use of unapproved (unlabeled) pharmaceuticals/medical devices and/or ongoing research?  [ ] Yes  [ ] No

   If yes, please describe (attach additional pages as needed):

   ___________________________________________________________________________________________

Disclosed information will be made available to participants in the Final Program provided to all registrants.

10. Complete the following:

   a. I hereby acknowledge that my abstract will be published in the AAFS Proceedings if accepted for presentation.  [ ] Yes  [ ] No

   b. I hereby acknowledge by submission of this form that the Journal of Forensic Sciences reserves the right of first publication of this paper if it is accepted for presentation at the AAFS Annual Meeting.  [ ] Yes  [ ] No

   The Journal of Forensic Sciences’ right of this publication is limited to six months from the date of presentation.

   c. I hereby acknowledge permission to tape my presentation at the AAFS Annual Meeting.  [ ] Yes  [ ] No

   d. I will comply with the AAFS guidelines for legible 35mm slides, LCD projection, and that structured abstracts are required.  [ ] Yes  [ ] No

   I hereby acknowledge that I have read and comply with the requirements noted herein and that the information provided is true and correct.

Signature ____________________________  Date ____________________________

(Abstract Form on Reverse Side)
**ABSTRACT OF PAPER FOR 2006 ANNUAL MEETING**

**COMPLETE FORM AND RETURN ORIGINAL, WITH ATTACHED C.V., ONE PHOTOCOPY, AND A COPY ON DISK BY AUGUST 1, 2005.**

*If you wish to submit your abstract on-line, go to the AAFS website at: www.aafs.org.*

- Type abstract within boxed area, single spaced, 10 point size (or on attached separate page following format provided in Sample Abstract).
- **Do not type in all capital letters.** Type all copy, including title, author names, and addresses in upper and lower case; capitalize and punctuate exactly as you wish the abstract to appear.
- To meet the minimum one-half page length requirement, copy must completely fill boxed area (approximately 600 words). Please attach an additional sheet if required.

<table>
<thead>
<tr>
<th>TITLE</th>
<th>AUTHORS</th>
<th>LEARNING OBJECTIVE and OUTCOME</th>
</tr>
</thead>
</table>

(what the attendee can expect to learn, retain, or implement into his or her practice)

**THREE KEY WORDS**

**TEXT**

*What do you consider to be the impact of your presentation or research findings on the forensic sciences and/or humanity?*
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Your lab can be AABB/CAP/NFSTC/ASCLD compliant.
THE NUMINOUS “WHY” IN LAW, SCIENCE AND ELSEWHERE

James E. Starrs, LLM
Professor of Law & Forensic Science
The George Washington University

courtesy of COTTONphoto.com

If there is one word in any language that stimulates more discussion and dispute than the word “why,” such a word is yet to be discovered.

In science, why is a recurring, and sometimes unanswerable, theme. The fundamental law of physics that the momentum of a body can not change unless it is affected by an external force is at the core of Newton’s Laws of Motion. But the reason why momentum which is the sum of mass times velocity should be such a fundamental factor in the Laws of Motion is but one of the as yet undiscovered mysteries of science. It has remained numinous in spite of repeated efforts to disarm it from its mysterious nature.

In the history of antiquity, the questions for the researchers, the probers and the questors are vast, consequential, and troubling. Why did the Etruscans give their women a dignity befitting that of men putting them ahead of the Romans and the Greeks and prefiguring what it would take women in general many millennia to acquire? Why are the sculptures of Greece and Rome so often found mutilated with missing arms, heads, and in the case of males, deliberately devoid of a penis? Paleontologists and antiquarians have a field day with the likes of such inquiries without a hint of success in the hunt for an answer that satisfies.

In law, why is a most perturbing and frequent inquiry. Generally the why in law relates to the motivation of an individual for the performance of an act. As an illustration, take the multiple murders for which England’s Dr. Harold Shipman was convicted. For years, as a practicing physician in the Manchester area, Shipman would make unannounced house calls to his patients and leave them dead in his wake. The number of his murder victims mounted into the hundreds before Shipman was brought up short and convicted.

But why did Shipman commit such brutish and unthinkable crimes, especially as a professional sworn to save lives? Raiding the estate of one of his last elderly patients was a proven factor, but what about all the previous others? We may never know since Shipman hanged himself during the early years of his confinement. Nor will we have any assurance as to why he committed suicide, except from building inference upon inference without a firm foundation. Such is the shaky legacy of “why” in the criminal law.

In legislative affairs, why did the National Transportation Safety Board (NTSB), as recently reported by the media, issue a ukase that cigarette lighters would no longer be allowed to be carried onto an aircraft while continuing to allow matches to be carried on board?

The decision making at the NTSB to formulate policies to thwart the threat of terrorism becomes even more querulous when one recognizes that matches, although permissible as carry-on items, may not be transported in check-in luggage. This puzzling disparity confronted this author at the airport in Jackson Hole, WY, recently. And what will be the check-in status of cigarette lighters now that they are banned from being carried on board an aircraft?

The sum and substance of this quizzical dichotomy is just one glaring illustration of the word “why” in action, in this case in the regulatory arena.

Whereas there may be few persons who will agonizingly question the judgment of the NTSB, surely everyone will be perplexed by the predicament 45-year-old Northern Virginia resident Robert F. Chamberlain inflicted on himself when he was arrested in Broom County, NY, on a misdemeanor charge of criminal mischief. Why is the query that leaps most readily to mind.

Chamberlain did not contest the charge, pleading guilty before Judge Patrick Mathews. Judge Mathews promptly sentenced Chamberlain to pay $3,886 for the damages he had caused to the Motel 6 hotel room he had occupied in Binghamton, NY. The judge, at sentencing, did not inquire of Chamberlain the reason or reasons for his damage spree at the motel. The why of it has been left for another day.

But to others that day is here now and will remain so until an explanation for Chamberlain’s misbehavior is forthcoming.

His misconduct consisted of layering his motel room with the contents of fourteen jars of petroleum jelly. He hardly left anything in his room untouched from the petroleum jelly he was determined to plaster upon it.

Why had he done this act of perversive property damage? His attorney, upon being questioned on this score, responded “I can’t comment on that at this time.” But he did draw attention to the fact that the media “from all over the country” had been caught up by the fancy of it. Indeed, “females,” he remarked, “wanted to meet him.” Now that possible interest in widespread publicity by Chamberlain might explain his conduct but why would so many women be enthusiastically seeking him out because of it? Is there no end to the inquiring why?

Robert Chamberlain may some day fess up to the reasons for his quirky malfeasance but 24-year-old Karen Byers of Dalton, GA, is beyond explicating why tragedy befell her. It was a dark night, but not a stormy one, when Karen Byers made the worst mistake of her short life.

She was driving on the highway when she disposed of a spent cigarette butt out the window of her car. But to her distress she also, simultaneously, threw a $20 bill out of the car’s window together with the cigarette butt. She had no further use of the cigarette butt, but the $20 bill had continuing value to her. So much so, that she behaved recklessly in pursuit of it.
Not one to signal a fair-thee-well to a $20 bill, she stopped her car, exited it and ran across the median in the roadway to retrieve the greenback. But tragedy struck her in the person of a pick-up truck traveling lawfully on the roadway. Whether her death occurred before or after she had retaken the $20 bill is irrelevant to our present concern. Why, one would immediately ask, did she take such a risk, all for a $20 bill? Easy. It was but an instinctive yet terribly foolish act of thoughtlessness. That’s one why for which there may be a convenient and logical answer. But there is another, more perplexing by half. Why was she driving with a $20 bill in her hand along with a lighted cigarette? If she had thrown away a cell phone she was carrying at the ready that would be understandable for cell phone use by automobile drivers has become epidemic with a rising level of recklessness in driving concomitant upon the presence of the cell phone. But people do not drive along highways holding a $20 bill in their hand, unless quite possibly a toll booth is fore-shadowed. Why did the victim, Karen Byers, out of her own foolhardiness do so?

Of course, there are always those who find Gary Larson-like humor in seeking the why of questioned behavior. It is said that J. Edgar Hoover announced, in the presence of his acolytes, that they must “watch the borders,” whereupon his special agents fanned out to all this country’s borders with alacrity and dedication. It was only later realized that Hoover, at the time of his admonition to the assembled agents, was reading and chaffing at an agent’s report that had been written without regard to staying within the “borders” of the page. So much for the correct analysis of the why for statements or behavior.

For law enforcement folk, Clint Eastwood, as Dirty Harry Callahan, knew whereof he spoke when he brusquely responded to the why of a man’s questioned behavior with the classic line “When I see a naked man chasing a woman down a back alley with a butcher knife in his hand, I figure he’s not out collecting for the Red Cross.” Would that it were that easy on a regular basis in the real world of law enforcement.

The imponderable, even the irresolvable, surround us and most often it is prefaced by why. One can only grope for a reasoned reply while the question yet remains to perplex and to perturb with all the numinous force of a sacred ritual.

AAFS CHRONICLES — DO YOU REMEMBER WHEN?

Source: Ken Field, Academy Historian

In 1955. . .
. . . the Academy proudly announced the signing of a contract with Callaghan & Company of Chicago to publish a quarterly publication entitled the “Journal of Forensic Sciences.” The first issue would be printed in 1956 with AAFS Past President Samuel A. Levinson as editor. Today, the ”Journal” is published six times a year with a circulation of approximately 6,000.

In 1965. . .
. . . the IRS declined the Academy’s petition to become a 501(c)(3) organization. Such a designation would have allowed the AAFS to solicit donations that would be tax deductible by the donor and to compete for Federal grants. In part, that IRS decision led to the creation of the Forensic Sciences Foundation in 1969, which was formed as a 501(c)(3) entity. Today, the Foundation’s Endowment Fund has received nearly $400,000 in donations, and has provided more than $58,000 in awards and grants.

In 1975. . .
. . . the Forensic Sciences Foundation Press published its first brochure on the forensic sciences. The brochure was specially designed for students, libraries, and members of the judiciary. Robert Finnigan, a member of the Foundation Board of Trustees, designed and paid for the brochure. Today, that brochure, in an updated form, is entitled “So You Want to be a Forensic Scientist!” and is distributed nationwide. It also may be downloaded from the Academy’s website (www.aafs.org) under the Resources link.

In 1985. . .
. . . with a great deal of indignation, the Academy’s Executive Committee filed an official complaint with the Federal Trade Commission charging that a newly formed organization’s name was an infringement on the AAFS name and that it was otherwise misrepresenting itself as the Academy. Today, that organization is no longer active.
YFSF President’s Update

It's that time of year again when the organizing committee for the Young Forensic Scientists Forum begins planning next year's meeting. The 2006 YFSF theme is "Frontiers in Forensic Science," and organizers are busy arranging speakers and timeslots for your enjoyment. Over the years attendance at both YFSF Special Session and the AAFS annual meeting have been steadily increasing. Hopefully this trend will continue in 2006.

Attending and participating in scientific conferences is an important aspect of becoming knowledgeable and well-rounded in forensic science. Having the opportunity to speak to other professionals within your field can sometimes be an invaluable experience and should be taken advantage of while at the AAFS annual meeting. The AAFS annual meeting also provides attendees with the ability to learn about areas of forensic science which maybe outside of one's expertise through multi-disciplinary presentations and a variety of different sessions throughout the week including Pathology/Biology, Odontology, Engineering Sciences, etc., which run for multiple days. All who are new to the field are encouraged to attend the AAFS meeting and to get the most out of their trip. Attend sessions that are in your field and those which are outside, and don't be afraid to ask questions at the end of a presentation; discussion helps to further science.

Making a presentation at the AAFS annual meeting and sharing your work with the community can be a very fulfilling experience. I gave my first professional presentation at the YFSF Bring Your Own Slides event when I was a junior at the University of New Haven, and coincidentally the AAFS meeting was held in Seattle that year as well. I was a little shaky; it wasn't the best talk I've ever given, and the audience was a little dizzy when I was finished as I clicked through the slides a bit too fast, but it was a good experience and one I encourage more young people to have. Please make the most out of your time at the AAFS meetings, Seattle is a wonderful city with many sites to see, but it is important to return home form the meeting feeling like you learned something while you were there. I hope to see some new faces as well as some old ones in Seattle. The 2006 YFSF program will not disappoint and in the following months I'll keep you posted on our planning progress. See you all in Seattle!

— Allison M. Curran BS, BS
YFSF President

YFSF Feature Article

The Feature Article section of the YFSF newsletter is a new section written by a professional in the forensic science field highlighting the diverse fields of forensic science, current education practices, interview suggestions, and tips concerning professional development. These articles bridge the gap between the experienced forensic scientist's desire to dispense knowledge and young forensic scientists' thirst for knowledge. In this issue we are fortunate to have two different contributing authors: Michele Yezzo of the Ohio Bureau of Criminal Identification and Investigation (Ohio BCI&I,) and Sree Kanthaswamy from the University of California, Davis.

The CSI Effect - What you Need to Know

"So how did you get into forensic science?" That's a common question asked whenever I say that I work as a forensic scientist for the Ohio Bureau of Criminal Identification and Investigation. How can I explain that it came about by accident back in an era when very few people had ever heard of forensic science, TV shows about murder mysteries were far less accurate, and CSI was not even on the drawing board? I was a chemistry major with a focus toward pharmacy and found something that caught my interest.

Now, as you all know, there are many forensically-oriented university programs to help you prepare for jobs in the countless fields related to forensic science. Of course you are all aware of the resources of the American Academy of Forensic Sciences and various links. The focus of these educational programs varies a great deal. That should be important to anyone who has a special interest in one area.

So my question to you is, "Why do you want to be a forensic scientist?" If your interest stems solely from what you've seen in the popular media you need to recognize what I call "The Good, the Bad, and the Downright Ugly…"

Yes, there are some great things about working in any of the forensic sciences. It is interesting and no two cases are
It can be tedious. Try finding the right parts and rebuilding the bullet hole area of a vehicular side window from a 5-gallon bucket of glass fragments. Talk about a jigsaw puzzle with no picture! I suspect that the YFSF Secretary probably remembers that one.

Cases can take a long time - not 43 minutes - to be completed and with the workloads in most laboratories it is not possible to devote all of your time to one case.

Forensic Scientists and Crime Scene Investigators are NOT "Jacks/Jills -of-all trades". Technology has advanced a great deal in my years in this field and it isn’t possible to be current in all areas. There are many scientific specialties and in the laboratory we try to correlate our work and communicate with the investigators to solve cases. Those Investigators (CSI) need to have enough knowledge to realistically decide what to collect and what the lab can do - not to supervise or conduct the examination. Most of the technology exists but not necessarily in the form or at the level that it appears on the show (e.g. instant DNA and fingerprint search results).

In many specialties, a lot of "education" is required after you finish school. I currently work in trace evidence analysis but have in the past done serology (for about 20 years into the beginnings of DNA analysis) and bits of other things like toolmarks, serial number restoration, and some drug chemistry. You may think that a particular program prepares you to start working "big cases" -- maybe not on your first day but at least by the end of the week. Some of these areas may seem to be pretty clear-cut, but remember, our regulars don’t usually read the script, leave the evidence neatly packaged, and make the right mistakes for us to solve the case in an hour. There are usually nuances that may be important in even the most straightforward case. Remember they watch the shows for pointers on how not to do it!

As for the downright ugly, although few people mention it, you need to realize that there are cases that will really get to you. Things that you handle may be hazardous and/or unpleasant smelling. Imagine that we really do work on cases that involve children or the elderly as victims of violence. As we see in the media, those are hard on everyone but they are especially hard for those of us who need to know details to work on the evidence. When you work on one of those cases you need to remember that helping to solve it might prevent another incident and might save the life of another person.

As for CSI, it may be a good show, BUT remember it is meant to be entertainment. It is not an educational tool! You need to realize that "The CSI Effect" is being felt not only at the crime scene and in the laboratory, but also in the courts (just look at the results of a quick web search for CSI Effect).

— Michele Yezzo BS Forensic Scientist Fellow, American Board of Criminalistics Ohio Bureau of Criminal Identification and Investigation

Animal DNA Forensics

Courtroom testimony based on animal DNA analysis is increasing in the U.S. Animal bio-material based casework performed at the University of California Veterinary Forensics Laboratory has been used to successfully prosecute individuals in cases of cattle rustling, animal abuse, animal attack, poaching, and to link perpetrators to instances of murder, burglary, and sexual assault since 1996.

Research projects in our laboratory have generated multi-species genetic databanks for performing species-specific statistical analyses of match comparisons and parentage identification. Genetic experiments on which these databases were based upon have also enabled us to design and implement new and improved methodologies in forensic DNA testing. For instance, we have developed an absolute quantification technique that uses a real-time PCR approach for estimating canine DNA in trace amounts. Accurate quantification of target DNA significantly improves genotyping and sequences assays. Similar quantification methods are being developed for the other species tested in our lab as well. Some of these groundbreaking works have paved the way for other funding and research opportunities including one from the U.S. National Institute of Justice to develop and validate a forensic quality canine genetic marker set.

Ultimately, animal forensics is first and foremost dedicated to the increased understanding of and caring for animals. Thus, veterinary forensic genetics has become a part of the University of California Davis School of Veterinary Medicine where students, faculty, and resources are similarly dedicated.

— Sree Kanthaswamy, PhD Associate Director Veterinary Genetics Laboratory - Forensics School of Veterinary Medicine University of California, Davis http://vgl.ucdavis.edu/forensics/index.html
The Importance of an Internship

The importance of an internship is one of the many points stressed from the first day of your college career to graduation - at least for those pursuing a career in forensic science. However, by the time commencement exercises approach, you will be thankful you acquired an internship and gained the readiness to enter the professional field of which you have spent years in preparation.

As a recent college graduate currently working in the forensic science field, I can attest to the benefits of an internship. Throughout the Winter/Spring semester of 2002, I began to search for an internship via the web for crime laboratories in all fifty states. A list was compiled of each state’s crime laboratories, and a series of phone calls or emails inquiring each lab’s policy on accepting interns were placed. Most of the labs that did not accept interns were unable to primarily due to a lack of funds. Hence, my list was shortened, narrowing the search for available internship possibilities. The labs remaining on the list requested a cover letter, resume, and college transcripts. I prepared my cover letter indicating my class status and major, area of interest, and why I wanted an internship. After sprucing up my cover letter and resume, I sent the paperwork to the laboratories and waited for replies. A couple of months passed and a few rejections came in, coupled with interviews. Prior to interviews, I studied my resume, making absolutely sure that I was able to explain everything. I thought about what I had to offer and why I wanted an internship with that particular lab. Another waiting period followed the interview process, bringing more anxiousness, but soon after offers were made.

The hardest part became choosing an internship. In the end, I chose the Utah State Crime Lab. Packing my car with the essentials, I set out to take my second step towards becoming a forensic scientist. I was full of excitement and nervousness. I was scared of the expectations the laboratory would hold of me and me of them. I was hoping the education I had received would provide me with the background and knowledge to fully gain all I could from this experience.

While in the Utah lab, I had the opportunity to observe analysts examining evidence from homicide and sexual assault cases, short tandem repeat analysis, and the moot court process that prepares analysts for testifying as an expert. I was able to perform serological tests such as the Kastle-Meyer presumptive test. I also worked on the CODIS database and a validation study of saliva stain mapping. The experience enabled me to understand the science behind the procedures performed made ideas read from a book clearer. Another very important quality of my internship was the many contacts I made in the field along with some very good friendships.

When it came time to leave, I said my goodbyes, obtained contact numbers, packed my car, and set out to return home. I decided that this was what I wanted to do with my life. I had so much fun while learning that I had a great summer far away from home, a sense of being a bit more prepared for the ‘real world’ and ready for anything.

I was so excited about everything I had learned that I could not wait to graduate and get a job in the field. I felt as if my senior year was going to last forever. Upon my final year of college, I took more forensic classes and made informal presentations about my internship to underclassmen. I also constructed a poster of the validation studies that I presented at the Northeastern Association of Forensic Scientists (NEAFS). Having an internship opens more doors than just gaining experience. My experience was a valuable asset during my interviewing process for jobs. When hired at the New York City Office of Chief Medical Examiner, I was asked questions about my internship during my interview. Even now I look back to my experience in another ASCLD/LAB accredited forensic laboratory to compare how labs differ.

An internship will give you the opportunity to learn a lot about yourself and step forward in your career. By the end of your internship, you will have learned whether the field is truly for you. Either decision steps can be made to progress further or to try something else. The contacts made will be beneficial for job opportunities after graduation and later in your career. The application of the ideas learned from classes is the most important aspect of an internship. It is something to go through the motions of learning the theory, but it is a whole new level of understanding that is enlightening to know how the theories fit into the job you desire to do.

My advice for all students seeking to obtain an internship:

1. Compile a list of labs that offer the area of interest.
2. Contact the lab.
3. Prepare a cover letter and resume and have a professor/advisor edit it.
4. Send all requested paperwork promptly.
5. Make sure to ask if the lab contact would prefer to have your email, fax, or use U.S. mail.
6. Replies may not come quickly, but be patient.
7. Know your resume inside and out.
8. Be calm and relaxed during your interviews and confident on the answers you provide.
9. Be honest. If you are unsure or do not know the answer to the question, tell the interviewers so.
10. During your internship, do not be afraid to ask questions. Your purpose there is to learn. No matter what task is asked of you, try to learn how it fits into the workings of the lab. Every task is important in some way to a smooth running laboratory.
11. Upon completion of your internship remember to thank the lab staff for taking the time to show you the ropes, so to speak.
12. Most of all...enjoy!

— Melissa Smith
Forensic Scientist
New York City Office of Chief Medical Examiner
Young Forensic Scientists in the News!

Young Forensic Scientist extraordinaire and past YFSF Secretary Sheila Dennis traveled to Beijing, China, with Dr. Theresa Caragine to identify Thailand tsunami victims using DNA at the Beijing Genomics Institute (BGI) in China.

If you know of something extraordinary that a young forensic scientist has done, please send it in. We might just feature it in the newsletter!

— Jeannette Perr, BS
YFSF Secretary

YFSF Breakfast Session

It’s hard to believe that it’s already time to start planning for the next AAFS meeting, but here we are again! I will be taking on the job of Breakfast Session Chair for this year’s meeting in Seattle, and I hope it will be one of our best. This year we are planning on expanding the resumé review to include reviewers from a wide variety of state and federal laboratories. We would also like to provide advice from professionals in the field on how to write answers for Knowledge, Skills, and Abilities questions and on how to prepare for interviews. The planning has just begun, so watch for more updates as we count down to Seattle 2006!

— Amanda Frohwein, BS
YFSF Program Co-Chair

About the YFSF

The YFSF is dedicated to the education, enrichment, and professional development of young forensic scientists. YFSF participants can be non-AAFS members, while organizers must be AAFS members from any section within the AAFS. The Forum provides a medium to educate and network with young forensic scientists to facilitate their establishment within the forensic science community. The YFSF is composed of a Special Session, a Poster Session, a Bring Your Own Slides Session, and a Breakfast Session during the AAFS annual meeting. Outside the Academy meeting the YFSF works to further the endeavors of young forensic scientists through the YFSF newsletter and the YFSF website (http://www.aafs.org/yfsf/index.htm). YFSF President Allison Curran (allison.curran@fiu.edu) and YFSF Secretary Jeannette Perr (jeannette.perr@fiu.edu) can answer any questions you may have about the YFSF and are looking for many different levels of young forensic scientists to participate in next year’s session.

— Jeannette Perr, BS
YFSF Secretary

YFSF Bring Your Own Slides

The YFSF Bring Your Own Slides is an excellent opportunity for a young forensic scientist in any field of forensic science to give a short 10 minute or less presentation to a diverse audience of their peers. The request for presenters begins now, so please send an email to Robin.Bowin@mail.wvu.edu if you are interested in participating. This year we are going to try to accommodate more presentations to make the session even more interesting, diverse, and exciting! Presentations should cover research into forensic science or interesting case work.

— Robin Bowin, BS
YFSF Program Co-Chair

The YFSF is looking for a technologically savvy person to help design the new website. If interested, please contact Jeannette Perr (jeannette.perr@fiu.edu).

Look for the improved website soon!
13-15
Analysis & Reconstruction of Crimes of Violence Training Course—To be held at the East Texas Police Academy in Kilgore, TX.
CONTACT: Ed Hueske
(972) 304-8668
xprwit@aol.com
www.forensic-xprt.com

18-22
New Detective/Basic Investigator Training Course—To be held at the Bryan Police Department in Bryan, TX.
CONTACT: Kim Fuller
Forensic Training Services, Inc.
3650 Yellow Bank Road
Dunkirk, MD 20754
(301) 855-2439 Fax: (301) 855-2630
www.forensictraining.us

2005
31-Aug 5
The International Homicide Investigators Association Annual Training Symposium—
To be held at the San Francisco Hilton Hotel in San Francisco, CA.
CONTACT: Bob McDonald
IHIA
(530) 889-7852
rmcdonal@placer.ca.gov
www.ihia.org

25-29
Masters II Conference for Advanced Death Investigation—Sponsored by the Saint Louis University School of Medicine, Division of Forensic Pathology. To be held in St. Louis, MO.
CONTACT: Mary Fran Ernst or Julie Howe
Saint Louis University School of Medicine
1402 South Grand Blvd., K512
St. Louis, MO 63104
(314) 977-5970 Fax: (314) 977-5695
howej@slu.edu
http://medschool.slu.edu/masters

25-29
Homicide, Death & Cold Case Investigations Training Course—To be held at the City of Tomball Public Works Training Center in Tomball, TX.
CONTACT: Kim Fuller
Forensic Training Services, Inc.
3650 Yellow Bank Road
Dunkirk, MD 20754
(301) 855-2439 Fax: (301) 855-2630
www.forensictraining.us

29-Sept 2
The International Association of Forensic Toxicologists (TIATA) 43rd International Meeting—To be held at the Lotte Hotel in Seoul, Korea.
CONTACT: Heesun Chung
National Institute of Scientific Invest.
Phone: 82-2-2600-4900
Fax: 82-2-2600-4919
hschung7@nis.go.kr
www.tiata2005.org

JULY 2005
3-5
Forensic Textile Analysis Course—To be held at the West Virginia University, Morgantown WV.
CONTACT: Robin Bowen
Forensic Resource Assistant
Forensic Science Initiative
886 Chestnut Ridge Rd, PO Box 6216
Suite 309
Morgantown, WV 26506-6216
(304) 293-6214 Fax: (304) 293-6213
Robin.Bowen@mail.wvu.edu
www.wvu.edu/~forsci

1-5
Forensic Textile Analysis Course—To be held at Mercyhurst College in Erie, PA.
CONTACT: Dennis Dirkmaat
Mercyhurst College
Dept of Applied Forensic Sciences
501 E. 38th St.
Erie, PA 16546
(814) 824-2105 Fax: (814)-824-3627
ddirkmaat@mercyhurst.edu
http://mai.mercyhurst.edu

19-23
2nd Annual Documentation and Recovery of Human Remains and Physical Evidence at the Terrorism Crime Scene—To be held at Mercyhurst College in Erie, PA.
CONTACT: Dennis Dirkmaat
Mercyhurst College
Dept of Applied Forensic Sciences
501 E. 38th St.
Erie, PA 16546
(814) 824-2105 Fax: (814)-824-3627
ddirkmaat@mercyhurst.edu
http://mai.mercyhurst.edu

2005
10-Oct
The Florida Association of Medical Examiners 2005 Conference - 21st Century CSI Technology and Death Investigation—To be held at the Sonesta Beach Resort in Key Biscayne, FL.
CONTACT: Kelly M. House
University of Florida
William R. Maples Center for Forensic Medicine
4800 SW 35th Drive
Gainesville, FL 32608
(352) 265-0680, ext. 72047
housekm@pathology.ufl.edu
http://maples-center.ufl.edu

2005
30-31
ForDisc 3:  Theory & Methods Workshop—
To be held at Mercyhurst College, Erie, PA
CONTACT: Dennis C. Dirkmaat
Mercyhurst College
501 E. 38th St.
Erie, PA 16547
(814) 824-2105
ddirkmaat@mercyhurst.edu
http://mai.mercyhurst.edu

SEPTEMBER 2005
4-8
World Federation for Mental Health Biennial International Congress on Equity & Mental Health—To be held at the Grand Hyatt Hotel in Cairo, Egypt.
CONTACT: Medical Design Center (MDC)
PO Box: 8180 - Postal Code: 11371
Nasr City, Cairo, Egypt
Tel. +202 4188089
Fax: +20 2 4183175
conference@medical-design.net
www.wfhm2005.com

21-26
17th Meeting of the International Association of Forensic Scientists—To be held at the Hong Kong Convention & Exhibition Center in Hong Kong, China.
CONTACT: Conference Secretariat
International Conference Consultants
Units 501-3, 5th Floor
Far East Consortium Building
121 Des Voeux Road Central
Hong Kong
+852 2559 9973
Fax: +852 2547 9528
info@iafs2005.com
www.iafs2005.com

11-12
International Conference on Post Mortem Radiology—To be held in Sidney, Australia.
CONTACT: Francis Child
Managing Director
Conference Action Pty Ltd
PO Box 576
Crows Nest, NSW 1585
Tel: +(61 2) 9437 9333
Fax: +(61 2) 9901 4586
francis@conferenceaction.com.au
www.conferenceaction.com.au
MEETINGS AND CONFERENCES

National & international meetings of interest to forensic scientists are included as space permits. For a complete list, go to the AAFS website (www.aafs.org) and click on the “Meetings” link.

OCTOBER 2005

3-7 Medicolegal Death Investigator Training Course—Sponsored by the Saint Louis University School of Medicine, Division of Forensic Pathology. To be held in St. Louis, MO.
CONTACT: Mary Fran Ernst or Julie Howe
Saint Louis University
School of Medicine
1402 South Grand Blvd., R512
St. Louis, MO 63104
(314) 268-3970 Fax: (314) 268-5695
howe@slu.edu
http://medschool.slu.edu/masters

3-7 Midwestern Association of Forensic Scientists (MAFS) Annual Fall Meeting—To be held at the Adam's Mark Hotel in St. Louis, MO.
CONTACT: Bryan Hampton or Brian Krey
BHampton@saintcharlescounty.org
(636) 949-7488
http://mafs.net/

11-15 California Association of Criminalists Fall 2005 Seminar—To be held at the Sheraton - Downtown Los Angeles, CA.
CONTACT: Buffy Miller
v9861@lapd.lacity.org or
Henry Tuazon
v9273@lapd.lacity.org
(213) 847-0032
http://www.cacnews.org/upcoming.htm

14-19 National Association of Medical Examiners Annual Meeting—To be held at the Biltmore Hotel in Los Angeles, CA.
CONTACT: Mary Fran Ernst
NAME Meeting Manager
70 East Sherwood Drive
St. Louis, MO 63114
(314) 522-3262, ext. 6509
Fax: (314) 522-0955
ernstmf@slu.edu

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MEETINGS AND CONFERENCES CONT.

OCTOBER 2005 cont.

17-21
Shooting Reconstruction Training Course—To be held at the Gunsite Training Academy in Paulden, AZ.
CONTACT: Michael Haag
mhaag@forensicfirearms.com
www.forensicfirearms.com

17-21
Annual Fall Training Conference and Meeting of the Southwestern Association of Forensic Scientists (SWAFS)—To be held at the Hyatt Regency Hotel in Wichita, KS.
CONTACT: Tracey Thompson
(719) 549-2568
tracey.thompson@colostate-pueblo.edu
www.2005.swafs.us

18-22
52nd Annual Meeting of the Canadian Society of Forensic Science—To be held at the Fairmont Palliser Hotel in Calgary, Alberta.
CONTACT: Malcolm Gutfriend
1026 Leslie Lane
Norman, OK 73069
(405) 321-8706

14-18
Advanced Facial Reconstruction Sculpture Workshop—To be held at the University of Oklahoma in Norman, OK.
CONTACT: Betty Pat. Gatliff
SKULLpture Lab
1026 Leslie Lane
Norman, OK 73069
(405) 321-8706

14-18
Basic Forensic Pathology Course—To be held at the Doubletree Hotel in Rockville, MD.
CONTACT: Ricky Giles
Department of Medical Education
Armed Forces Institute of Pathology
Washington, DC 20306-6800
(202) 782-2637 Fax: (202) 782-5020
came@afip.osd.mil
http://www.afip.org/Departments/edu/upcoming.htm

16-18
NAS Sackler Forensic Science Colloquium - Forensic Science: The Nexus of Science and the Law—To be held at the National Academy of Sciences Building in Washington, DC.
CONTACT: National Academy of Sciences
500 Fifth Street, NW
Washington, DC 20001
www.nas.edu/sackler/forensic

DECEMBER 2005

1-3
Practicum 2005 - Forensic Odontology Seminar—Presented biennially by the Miami-Dade Medical Examiner Department. To be held in Miami, FL.
CONTACT: Marie Alexander, Program Coordinator
(305) 547-5721
malex@miamidade.gov

5-9
Bloodstain Pattern Analysis Workshop—Hosted by the Miami-Dade Police Department Specialized Training Unit in Miami, FL.
CONTACT: Toby L. Watson
Miami-Dade Police Department
Crime Laboratory Bureau
9105 Northwest 25th Street
Miami, FL 33172
(305) 471-3041 Fax: (305) 471-3350
twolson@mdpd.com

FEBRUARY 2005

20-25
American Academy of Forensic Sciences 58th Annual Meeting—To be held at the Washington State Convention & Trade Center in Seattle, WA.
CONTACT: Nancy Jackson
AAFS
410 North 21st Street
Colorado Springs, CO 80904
(719) 636-1100 Fax: (719) 636-1993
njackson@aafs.org
www.aafs.org

YEAR-ROUND COURSES

Math & Science Course Bulletin—This is a publication of courses, workshops, seminars, conferences, grants, and awards offered in the state of Washington and abroad.
CONTACT: Math and Science Course Bulletin
319 Showalter Hall
Cheney, WA 99004-2445
(800) 635-0520 Fax: (509) 454-5490
mscb@ewu.edu
http://mscb.ewu.edu

Professional Analytical and Consulting Services (PACS) Short Courses—For specific courses, dates, and locations:
CONTACT: Barbara Sherman
PACS, Inc.
409 Meade Drive
Corapolis, PA 15108
(724) 457-1214 Fax: (724) 457-1214
HNpacs@aol.com
www.pacslabs.com

Institute of Police Technology and Management Training Courses—To be held the University of North Florida in Jacksonville, FL. For a complete list of courses and dates:
CONTACT: Director, IPTM
University of North Florida
12000 Alumni Drive
Jacksonville, FL 32224-2678
(904) 620-IPTM Fax: (904) 620-2453
www.unf.edu/iptm

NOVEMBER 2005

7-10
ABFDE Forensic Document Examination Workshops—To be held at the Orleans Hotel/Casino in Las Vegas, NV.
CONTACT: Kirsten Jackson
U.S. Postal Inspection Service
Crime Laboratory
22433 Randolph Drive
Dulles, VA 20104-1000
(703) 406-7103 Fax: (703) 406-7111
ksjackson@uspis.gov
www.ABFDE.org

7-11
Basic Facial Reconstruction Sculpture Workshop—To be held at the University of Oklahoma in Norman, OK.
CONTACT: Betty Pat. Gatliff
SKULLpture Lab
1026 Leslie Lane
Norman, OK 73069
(405) 321-8706

10-12
Justice for All: A National Symposium on the Most Significant Criminal Justice Legislation of Our Times—To be held at the Cyril H. Wecht Institute of Forensic Science and Law at the Duquesne University School of Law in Pittsburgh, PA.
CONTACT: The Cyril H. Wecht Institute of Forensic Science and Law
Duquesne University School of Law
Edward J. Hanley Hall
900 Locust Street
Pittsburgh, PA 15282-0700
412) 396-1330 Fax: (412) 396-1331

2005 SWAFS ACADEMY NEWS 3
SENIOR FORENSIC ADVISORY TO PAKISTAN

The International Resources Group is seeking applicants for the position of Senior Forensic Advisory to Pakistan to support the International Criminal Investigative Training Assistance Program (ICITAP) within the Criminal Division of the U.S. Department of Justice. Qualified individuals will have an extensive background in forensic science, with knowledge of a broad range of basic and advanced forensic science applications and techniques including forensic disciplines such as legal medicine and forensic anthropology. The successful candidate must possess a MD, PhD, DDS, or similar terminal degree in the forensic sciences. Applicants must have a strong foundation in forensic laboratory management practices and must be willing and able to work closely with laboratory managers abroad to enhance their management skills and laboratory polices and procedures. Candidates must be well-acquainted with internationally accepted forensic laboratory accreditation requirements and will ideally have management experience in an ASCLD/LAB and/or ISO 9000 accredited institution. Applicants must have flexible schedules and must be willing and able to work outside the United States in a culturally and ethnically diverse environment. Language skills are preferred, but not required; however, qualified applicants must be able to work in a non-English-speaking environment using language assistants. Prior international experience, particularly in developing countries, is desirable, though not required. This position is required to deploy to Pakistan for a minimum of one year, with an additional one year extension possible. Responsibilities include, but are not limited to: evaluating the training and equipment needs of the host country's forensic laboratory; assisting in the design and implementation of training programs; assisting in the development of laboratory policy and procedure manuals, quality assurance procedures, and safety and security guidelines; coordinating equipment donations; recommending laboratory changes and improvements; developing specifications for forensic equipment; and providing advice and technical assistance to the laboratory staff.

CONTACT: John Crews
(301) 306-1822
John.Crews@L-3com.com

LATENT PRINT EXAMINER

The City of Miami is seeking applicants for the position of Latent Print Examiner. Qualifications include certification as a Latent Print Examiner from the International Association of Identification, OR an associate's degree in police science, criminal justice, criminology, forensic science, biology or closely related field plus five years experience in latent print examination, comparison and identification with a recognized law enforcement agency, OR an equivalent combination of training and experience beyond high school graduation based on the International Association for Identification certification criteria. A minimum of three years of full-time experience is required for all candidates with degrees above the level of a master's. A current certification as a Latent Print Examiner from the International Association for Identification is preferred. In addition to the above stated education and experience requirements, eligibility for this position will be established based on the results of an examination which consists of measuring the applicant's ability to identify latent fingerprint. Responsibilities include developing, comparing, evaluating, identifying, and preparing latent finger/palm prints for court exhibits; testifying in all courts of law as a qualified expert witness; developing and maintaining latent finger/palm print files; keeping files on single and partial finger/palm prints found at crime scenes; generating extractions; operating GCMS, GC, LC/MS instrumentation; and interpreting results in context of case. Salary: $46,992 - $60,180/annually.

CONTACT: Ann Marie Gordon
2203 Airport Way South, Suite 360
Seattle, WA 98134
(206) 262-6100
Fax: (206) 262-6145
ann.gordon@wsp.wa.gov

EMPLOYMENT OPPORTUNITIES

FORENSIC TOXICOLOGISTS (FS3)

The Washington State Toxicology Laboratory is seeking experienced Forensic Toxicologists at the FS3 level. Qualifications include a bachelor's degree in toxicology, chemistry, pharmacology, forensic science or closely related field and a minimum of 20 semester chemistry (30 quarter) hours. Some toxicology or pharmacology experience is required and testimony experience is desired. Responsibilities include analyzing blood and tissues in death investigation and human performance cases; providing expert witness testimony in court; performing extractions; operating GCMS, GC, LC/MS instrumentation; and interpreting results in context of case. Salary: $31,740 - $40,512/annually.

CONTACT: Ann Marie Gordon
2203 Airport Way South, Suite 360
Seattle, WA 98134
(206) 262-6100
Fax: (206) 262-6145
ann.gordon@wsp.wa.gov

FORENSIC TOXICOLOGISTS (FS1)

The Washington State Toxicology Laboratory is seeking Forensic Toxicologists at the FS1 entry level. Qualifications include a bachelor's degree in toxicology, chemistry, pharmacology, forensic science or closely related field and a minimum of 20 semester chemistry (30 quarter) hours. Some toxicology or pharmacology experience is desired. This is an in-training position to develop skills to analyze human performance and death investigation samples and to develop expertise to provide expert witness testimony in court. Salary: $31,740 - $40,512/annually.

CONTACT: Ann Marie Gordon
2203 Airport Way South, Suite 360
Seattle, WA 98134
(206) 262-6100
Fax: (206) 262-6145
ann.gordon@wsp.wa.gov

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EMPLOYMENT OPPORTUNITIES CONT.

DEPUTY CHIEF MEDICAL EXAMINER
The Charleston (WV) Office of the Chief Medical is seeking applicants for the position of Deputy Chief Medical Examiner. Qualifications include a MD degree or equivalent; qualification for West Virginia medical licensure; successful completion of an American Board of Pathology approved Forensic Pathology Fellowship; and eligibility for certification by the American Board of Pathology in Anatomic and Forensic Pathology. Incumbent will join a staff of 4 full-time forensic pathologists in a state medical examiner system based in Charleston, WV. Salary: $130,000 - $140,000/annually.
CONTACT: Dwayne Combs
Director of Operations
619 Virginia Street West
Charleston, WV 25302
(304) 558-3920
Fax: (304) 558-7886
dwaynecombs@wdhhr.org

CORPORATE SECURITY
FORENSIC SCIENTIST
Saudi Aramco is seeking applicants for the position of Corporate Security Forensic Scientist. Qualifications include a bachelor's degree in forensic science, criminology, law, or related field plus professional certifications. Must have five years of experience using appropriate techniques in interviewing subjects, suspects, and witnesses involved in high technology investigations and a thorough understanding of evidence management. Experience or professional training in technical investigative equipment, interview and interrogation techniques as well as obtaining statements is highly desirable. Professional training and credentials should include association with AAFS, FDE, MCSE, EnCE, CFE, CPP or PCI. Responsibilities include assisting other forensic scientists with appropriate comprehensive scientific analyses and examinations to support investigations and to prove fraud, threats, misappropriation, conspiracy, industrial espionage, or other malfeasance. Will also coordinate scientific and technical aspects of forensic science applications with the Computer Security Administration, Security Technical Services, and other company organizations.
CONTACT: Aramco Services Company
Reference Code 06/AAFS
PO Box 4530
Houston, TX 77210-4530
Fax: (713) 432-4600
resumes@aramcoservices.com
www.jobsataramco.com

TECHNICAL WRITER
CRIMINALIST.US, a company that provides forensic science consulting and technical assistance, is seeking applicants for the position of Technical Writer. Qualifications include a bachelor's degree in a natural science or forensic management related topic and ten years experience as an examiner/analyst in a forensic laboratory. Applicants must have knowledge of the following: accreditation requirements of the American Society of Crime Laboratory Directors Laboratory Accreditation Board (ASCLD/LAB), accreditation requirements of the International Standards Organization (ISO) Standard 17025, natural sciences related to the area of forensic analysis, scientific methods utilized in forensic analysis, capabilities and interrelationships between the various forensic disciplines, principles of laboratory safety, quality assurance principles, supervisory practices, personnel management principles, accounting, budgeting and strategic planning principles, and various work processing packages including MS Word and WordPerfect. Applicants must have the ability to: organize information; communicate effectively in writing; write clear concise policy manuals, assurance manuals, safety manuals, scientific procedure manuals and technical manuals; and meet deadlines. CRIMINALIST.US technical writers are subcontractors who are paid an hourly rate and used on an interim basis. Occasionally subcontractors may be required to travel to client facilities to compile the information and documentation required for manual preparation. For more information, contact: tech_writer@criminalist.us. Please submit a current resume and two writing samples.
CONTACT: Donnell Christian
718 Scarlet Oak Drive
Lake St. Louis, MO 63367
(703) 582-3928
Fax: (636) 561-0859
donnell.christian@criminalist.us

FORENSIC SCIENTIST I (SEROLOGY)
The Suffolk County Crime Lab is seeking applicants for the position of Forensic Scientist I (SEROLOGY). Qualifications include a bachelor's degree in biology, forensic science, or closely related field; coursework in genetics, molecular biology, biochemistry and statistics; and at least two years of forensic biology casework experience utilizing DNA-STR technology. A master's degree in biology, forensic science, or closely related field may substitute for one year of casework experience. Responsibilities include the analysis of physical evidence including body fluid identification; DNA-STR analysis of biological samples; and testifying as an expert witness during criminal cases. Salary: $51,246 - $57,902/annually. Application deadline: July 29, 2005.
CONTACT: Joseph Galdi
Suffolk County Crime Lab
PO Box 6100
Hauppauge, NY 11787-0099
(631) 853-5585
Fax: (631) 853-5739
joseph.galdi@suffolkcountyny.gov

FIREARMS TECHNICAL LEADER/CRIMINALIST II
The San Mateo County Sheriff’s Office Forensic Laboratory is seeking applicants for the position of Firearms Technical Leader/Criminalist II. The ideal candidate will be an experienced firearms examiner dedicated to staying abreast of changes within the industry as well as a sound technical advisor and trainer who fosters teamwork and cooperation. Applicants who are active participants in the Association of Firearms and Toolmarks Examiners (AFTF) and who have pursued or are in the process of pursuing AFTF certification as a firearms examiner are strongly desired. This position is responsible for ensuring proper quality assurance and quality control measures relevant to firearms. This includes documentation, instrument calibration and maintenance logs; reviewing relevant casework; maintaining the NIBIN database; continuous evaluation of methods employed including an annual review of Standard Operating Procedures and proposing new and/or modified analytical procedures to be used by the Analysts. In addition, the Firearms Technical Leader is required to perform routine and more difficult firearms case assignments, both in the laboratory and in the field. Salary: $76,044 - $95,076/annually. Letters of interest and resumes will NOT be accepted in lieu of completing the required application and supplemental materials. Call (650) 363-4343 for application materials or apply online at www.co.sanmateo.ca.us.
CONTACT: Cynthia Maltez
453 County Center, First Floor
Redwood City, CA 94063
(650) 363-4338
Fax: (650) 363-4219
cmaltez@co.sanmateo.ca.us
EMPLOYMENT OPPORTUNITIES

DNA TECHNICAL MANAGER
The Harris County Medical Examiner’s Office is seeking applicants for the position of DNA Technical Manager. Qualifications include a bachelor’s degree in forensic science, biology, chemistry, or a forensic-related science, including coursework in the areas of genetics, biochemistry, molecular biology, and statistics; experience in the use of basic laboratory instrumentation and laboratory methods; knowledge of DNA analysis including isolation, identification, and genetic characterization of body builds; basic knowledge of laboratory operations including evidence collection/handling, chain of custody requirements, documentation procedures, and quality assurance issues; the ability to maintain detailed, accurate records and communicate effectively in writing; and basic knowledge of computer software applications. Responsibilities include conducting analysis on samples submitted for DNA identification at an entry level according to established protocol; producing detailed, accurate reports of results and conclusions; organizing and maintaining detailed records relating to all aspects of laboratory operations; participating in validation of new laboratory procedures and equipment; performing general laboratory maintenance and calibration of equipment; and following laboratory policies and practices as mandated by federal standards. Salary: $32,000 - $34,000/annually. Submit cover letter, resume, and three references. CONTACT: Search #MURC233 Human Resources Services Marshall University One John Marshall Drive Huntington, WV 25755 http://forensics.marshall.edu

DNA ANALYST (3 Positions)
Marshall University Forensic Science Center is seeking applicants to fill three positions as DNA Analyst. Qualifications include a master’s degree in forensic science, biology, chemistry, or a forensic-related science, including coursework in the areas of genetics, biochemistry, molecular biology, and statistics; experience in the use of basic laboratory instrumentation and laboratory methods; knowledge of DNA analysis including isolation, identification, and genetic characterization of body builds; basic knowledge of laboratory operations including evidence collection/handling, chain of custody requirements, documentation procedures, and quality assurance issues; the ability to maintain detailed, accurate records and communicate effectively in writing; and basic knowledge of computer software applications. Responsibilities include conducting analysis on samples submitted for DNA identification at an entry level according to established protocol; producing detailed, accurate reports of results and conclusions; organizing and maintaining detailed records relating to all aspects of laboratory operations; participating in validation of new laboratory procedures and equipment; performing general laboratory maintenance and calibration of equipment; and following laboratory policies and practices as mandated by federal standards. Salary: $32,000 - $34,000/annually. Submit cover letter, resume, and three references. CONTACT: Search #MURC233 Human Resources Services Marshall University One John Marshall Drive Huntington, WV 25755 http://forensics.marshall.edu

POLYMERASE CHAIN REACTION, SHORT TANDEM REPEAT ANALYSIS AND CAPILLARY ELECTROPHORESIS METHODS
knowledge of basic human anatomy, physiology and forensic serology; knowledge of biological evidence collection/preservation techniques and rules of evidence; the ability to manage the operations of a forensic DNA laboratory to include but limit to personnel related issues, budget, quality assurance/quality control and basic laboratory safety. ABC certification preferred. Computer literacy in the use of Microsoft Office applications and familiarity with Justice Trax LIMS and CODIS also preferred. The successful candidate must have five years of DNA casework experience using recent technology. Three years of forensic DNA laboratory experience at a facility where forensic DNA testing was performed for the identification and evaluation of biological evidence in criminal matters using evidence screening, DNA extractions quantification, PCR amplification of STR fragments and ABI 310 Genetic Analyzer and/or ABI 310 0 Analyzer is preferred. Prior supervisory/management experience is also preferred. Responsibilities include conducting laboratory examination and analyses of specimens submitted by forensic pathologists and law enforcement officers requiring depth of experience; prioritizing cases for analysis and assigning work daily to other DNA analysts and manages the DNA Lab; managing and supervising the DNA Lab, the lab’s budget, and hiring replacement staff; managing existing grants and seeking new grants; suggesting changes to testing protocols based on experience and participation in ASCLD/LAB review visit; once approved, training other staff in the revised testing standards; following rigorously all safety, method manual and Quality Assurance/Quality Control protocol; and other duties as assigned by the Crime Laboratory Director/Chief Medical Examiner. Complete transcripts, certificates, and waivers are required with application. Employment is contingent upon passing a criminal background check. Salary up to: $91,224/annually. CONTACT: Carl Carlson, Supervisor Fingerprint Identification Section Kansas City Police Crime Lab 6633 Troost Kansas City, MO 64131 ccarlson@kcpd.org

FORENSIC DRUG TECHNICIAN
The Acadiana Criminalistics Laboratory is seeking applicants for the position of Forensic Drug Technician. Qualifications include a BS degree in chemistry, biochemistry, or toxicology with an analytical chemistry emphasis; the ability to communicate effectively both orally and in writing; knowledge of computer applications as the relate to laboratory procedures; a strong ethical background free of criminal history; and a valid driver's license. Responsibilities include analyzing materials for the presence of controlled substances and conducting examinations using screening techniques, microscopic examination, and instrumental methods of analysis including GC, GC/MS, and IR. Salary: $23,270/annually. CONTACT: Kevin Ardoin Section Head Drug Chemistry Acadiana Criminalistics Lab 5004 W Admiral Doyle Drive New Iberia, LA 70560 kkardoin@acadianacl.com

LATENT PRINT EXAMINER
The Kansas City Police Crime Laboratory is seeking applicants for the position of Latent Print Examiner. Qualifications include a bachelor’s degree from an accredited institution. Responsibilities include the examination of evidence for the presence of latent prints; conducting comparisons of latent prints to finger and palm prints; the entry of latent prints into AFIS; documenting findings through notes, images, etc.; preparing written reports; testifying as an expert witness; and occasionally responding to crime scenes. Salary: $32,880 - $64,176/annually. Submit resume or curriculum vitae and three references electronically to email address below. Applicants will be subject to an extensive background investigation. CONTACT: Carl Carlson, Supervisor Fingerprint Identification Section Kansas City Police Crime Lab 6633 Troost Kansas City, MO 64131 ccarlson@kcpd.org

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FORENSIC SCIENCE DEVELOPMENT COORDINATOR
The U.S. Department of Justice, Criminal Division, International Criminal
Investigative Training Assistance Program is seeking applicants for the position of
Forensic Science Development Coordinator. Qualifications include one
year of specialized experience or equivalent to the next lower grade in the
Federal service. Specialized experience is experience which is typically related to the
position to be filled and which has equipped the applicant with the particular
knowledge, skills, and abilities to successfully perform the duties of the position:
GS-12 Level: have four full years of practical experience working as an examiner in a
crime laboratory and obtain a baccalaureate degree in one of the core sciences;
GS13 Level: have a baccalaureate degree in one of the core sciences and five years of practical experience working as an
crime laboratory. Applicants must have knowledge of general forensic science equipment, techniques and procedures; knowledge of crime scene procedures and policies to assist in the
development of forensic training for an Investigative Training Assistance Program; knowledge of accreditation and certification programs in the forensic sciences; and the ability to communicate orally and in writing. Applicants will be evaluated according to the extent and quality of experience, education and training, type of official recognition received and supervisory appraisal of performance.
Responsibilities include assisting the Forensic Science Development Manager in planning and coordinating forensic science development initiative for ICITAP worldwide; providing direction and overseeing contracted personnel and material resources; working with contracted forensic science experts; evaluating the technology base of the host countries to support the development initiative and searching commercial literature for specific equipment needs; observing, monitoring and evaluating the training and equipment effectiveness and efficiency involved in a forensic science development initiative; establishing and maintaining effective liaison with appropriate U.S. and foreign law enforcement agencies and training institutions in order to acquire their participation in ICITAP forensic science development programs; drafting routine official correspondence to other U.S. Government agencies, U.S. Embassies, forensic laboratories and training centers in the U.S. and foreign government officials, announcing the scheduling of ICITAP forensic development initiatives; monitoring the performance of and assisting in performing the routine administrative tasks in support of contractors who provide training and technical assistance; researching and compiling routine data and statistics; and assisting in preparing reports which describe the accomplishments of ICITAP, including reports on selected forensic science development programs. Salary: GS12 - $62,886 - $81,747/annually; GS13 - $74,782 - $97,213/annually.
CONTACT: Jill Colburn
(202) 305-7443
Fax: (202) 353-0775
criminal.crmjobs@usdoj.gov

FORENSIC SCIENCE PROGRAM MANAGER
Marshall University’s FEPAC-Accredited MS Forensic Science Program is seeking applicants for the position of Forensic Science Program Manager. Qualifications include a master’s degree in forensic science or related field. Field experience preferred although new graduates will also be considered. Responsibilities include the day-to-day management of program activities; recruiting students to maintain and enhance student enrollment; participating in job and career fairs on a local and national level; supervising program secretary; performing assignments as needed for faculty; managing course materials for FEPAC accreditation involving close interaction with faculty; identifying guest speakers and managing guest speaker travel and hospitality; identifying and corresponding with potential internship sites and developing MOUs; identifying educational resources; assisting students in locating internships; providing interface between internship sponsor, program, students, employers, and graduates; coordinating the hiring and management of work study students, graduate assistants, and teaching assistants; performing program accounting and accountability functions; managing student time-cards and PARs; participating in center-wide projects involving the academic program, its students, safety, resources, services, etc.; investigating and implementing creative educational programs, e.g., development of question banks, web-based instruction, workshops, etc. Salary: $34,000/annually depending on experience. Send cover letter, resume, and three references with contact information.
CONTACT: Pamela Staton
Academic Program Coordinator
Forensic Science Center
1401 Forensic Science Drive
Huntington, WV 25701
(304) 690-4363, ext 202.
Fax: (304) 690-4360
staton1@marshall.edu

FORENSIC SCIENTIST SR-DNA
The Austin Police Department is seeking applicants for the position of Forensic Scientist SR-DNA. Qualifications include education and/or experience equivalent to a bachelor’s degree in biology, chemistry, forensic science, or any other related natural science which included the successful completion of 16 hours of chemistry, and courses in each of genetics, biochemistry, and upper division molecular biology (molecular genetics and/or recombinant DNA technology to have been the major areas of study - transcripts required). Must have experience in qualifying and testifying as an expert witness regarding Forensic DNA analysis in State District court or Federal court; three years of approved casework, excluding training; and the successful completion of at least one year of ASCLD/LAB approved serology and DNA proficiency testing. Responsibilities include conducting analyses and examining tissue and body fluids to detect the presence of blood, semen, and other stains; conducting DNA typing testing on human tissue to compare criminal evidence and samples of known origin; evaluating, interpreting, and documenting the DNA tests conducted and testifying in court as to the laboratory findings; reviewing work of other analysts; performing proficiency tests and other quality assurance duties; participating in continuing education programs; collecting, documenting, and preserving evidence; and maintaining laboratory instruments.
CONTACT: Austin Police Headquarters
Human Resources Office
715 East 8th Street
Austin, TX 78701
(512) 974-5108
Fax: (512) 974-6634
www.cityofaustin.org/cityjobs
EMPLOYMENT OPPORTUNITIES

DNA TECHNICAL LEADER

The Montana Forensic Science Division is seeking applicants for the position of DNA Technical Leader. Qualifications include a master's degree in biology, chemistry, forensic science, or related field, or a waiver from organization designated by the Director of the FBI; and a minimum of 12 semester credits in biochemistry, genetics and molecular biology, statistics and/or population genetics. Must have three years of DNA casework experience using current DNA technology. Responsibilities include managing DNA-related cases, prioritizing cases for analysis and assigning daily work to other DNA analysts, managing the DNA lab, performing DNA analysis, managing existing and new grants, and training additional staff. Salary: $37,459 - $54,131/annually.

CONTACT: Deborah Hewitt
2679 Palmer Street
Missoula, MT 59808
(406) 329-1124
Fax: (406) 549-1067

FORENSIC CHEMIST

The Cook County Sheriff’s Police Department Forensic Lab is seeking applicants for the position of Forensic Chemist. Qualifications include a bachelor’s or master’s degree in forensic science, chemistry, or other physical science; successful completion of a documented training program in drug analysis; one year experience and court qualification as an expert witness in drug analysis; knowledge of chain of custody, evidence collection and preservation, and rules of evidence; the ability to participate in budget recommendations, quality assurance/quality control, and laboratory safety; and skills in developing, adapting, and evaluating analytical methods used to identify a wide variety of unknown controlled substances and suspected drugs. Responsibilities include performing scientific examination and analysis of evidence recovered from criminal cases by Law Enforcement agencies; following established procedures and scientifically accepted protocols; presenting findings through a technical report and expert testimony in courts of law; staying familiar with Laboratory Information Management System and all Standard Operating Procedures; staying current in analytical techniques through attendance at applicable training and literature review; purchasing and maintaining inventories of chemicals, reagents, and other supplies; participating in regular proficiency testing; maintaining the operation, care, and calibration of all equipment, instruments, and apparatus; and performing other tasks assigned by the Laboratory Director.

Salary: $50,000 - $55,000/annually.

CONTACT: Mark Flomenbaum
Chief Medical Examiner
OCME
720 Albany Street
Boston, MA 02118
(617) 267-6767
Mark.flomenbaum@state.ma.us

FORENSIC SCIENTIST I

The Washington State Patrol Crime Laboratory Division is seeking applicants for the position of Forensic Scientist I. Qualifications include a minimum of a bachelor’s degree in chemistry, biology, biochemistry, forensic science, or a related science. One year of work related experience in an analytical, research, or crime laboratory is desirable. There are openings in the Chemistry, Biology/DNA, Questioned Documents, Latent Prints, and Trace Evidence Sections. Responsibilities include the analysis of evidence from criminal cases, preparing written reports, and testifying in court. Additional coursework required for Biology/DNA. Salary: $31,740-$40,512/annual.

CONTACT: George Johnston
2203 Airport Way S, Suite 250
Seattle WA 98134
(206) 262-6005
George.Johnston@wsp.wa.gov

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EMPLOYMENT OPPORTUNITIES CONT.

FORENSIC PATHOLOGIST/
DEPUTY CORONER

The Franklin County Coroner’s Office is seeking applicants for the position of Forensic Pathologist/Deputy Coroner. Only applicants who are board certified anatomic pathologists with board eligibility or certification in forensic pathology need apply. There are currently three pathologists under the direction of the chief pathologist. The Pathology Department has a caseload of 1,000 autopsies per year and is part of a full service Coroner’s Office serving a region of approximately 1 million people. Salary: $140,000/annually. Submit curriculum vitae with cover letter.

CONTACT: David H. Brobst, Director
Franklin County Coroner’s Office
520 King Avenue
Columbus, OH 43201
(614) 462-5290
Fax: (614) 462-6002
dhbrobst@franklincountyohio.gov

DEPUTY CORONER

The Orange County Sheriff-Coroner’s Office is seeking applicants for the position of Deputy Coroner. Applicants must be 20 years of age, a U.S. citizen, and possess a high school diploma/GED and a combination of training and/or experience in criminal justice, biology, nursing, forensic science, mortuary science, or a related subject. Under close supervision, responsibilities include conducting investigations to determine circumstances, manner, cause of death and identity of decedents coming under the Sheriff-Coroner’s jurisdiction; and ordering and supervising autopsies performed by professional staff. Salary: up to $57,824/annually.

CONTACT: County of Orange
(714) 647-1870
www.ocgov.com

FORENSIC PATHOLOGIST/ (ASSOCIATE MEDICAL EXAMINER)

The Seattle & King County Public Health Department is seeking applicants for the position of Forensic Pathologist (Associate Medical Examiner). Qualifications include the ability to obtain a Washington State medical license and board certification in forensic pathology within two years of hire. The applicant will join three other forensic pathologists and will be responsible for performing medicolegal autopsies, external examinations, scene investigations, collecting evidence, testifying in court, and teaching medical students and residents. Salary: $126,000 - $159,000/annually.

CONTACT: Richard Harruff
Chief Medical Examiner
325 Ninth Avenue, Box 359792
Seattle, WA 98104
(206) 731-2886
Fax: (206) 731-8555
richard.harruff@metrokc.gov
http://www.metrokc.gov/ohrm/jobs/HealthcareSvc.htm

EVIDENCE CUSTODIAN ASSISTANT

The Bode Technology Group is seeking applicants for the position of Evidence Custodian Assistant. Qualifications include graduation from high school and property management experience. A bachelor’s degree in a natural science is preferred. Responsibilities include receipt of forensic evidence, maintaining chain of custody, evidence management, and returning evidence and samples to customers. Salary: $32,000/annually. Applicants must officially apply online at: www.choicepoint.com.

CONTACT: Lisa Farr
7364 Steel Mill Drive
Springfield, VA 22150
(703) 644-1200
Fax: (703) 644-2311
lisa.farr@choicepoint.com

SENIOR MEDICAL EXAMINER

The State of Alabama Department of Forensic Sciences is seeking applicants for the position of Senior Medical Examiner. Qualifications include board certification in anatomic pathology. Board eligible or certified in forensic pathology is preferred. Responsibilities include performing duties of the medical examiner at crime scenes, investigations, and autopsies. This position is based in Huntsville, AL. Salary: $110,000 - $160,000/annually.

CONTACT: Carl Simmons
1150 Hammond Drive
Suite A-1200
Atlanta, GA 30328
(800) 272-2707, ext. 2853
Fax: (770) 730-2870
csimmons@cnationwide.com

LATENT PRINT EXAMINER II

The San Diego Police Department is seeking applicants for the position of Latent Print Examiner II. Qualifications include one year of full time experience in the comparison and identification of latent prints and proof of expert court testimony in latent print identification by a judge or Deputy District Attorney. Responsibilities include evaluating latent prints to determine quality; preparing and entering evidence and samples to customers. Salary: $54,240 - $65,556/annually.

CONTACT: City of San Diego Jobs Personnel Department
1200 3rd Avenue, Suite 300
San Diego, CA 92101
Job Hotline: (619) 682-1011
ENGINEER, MECHANICAL
The following is a description of an immediate opening for an engineer working in the forensic environment. The engineer will be working in a consulting firm as part of a multi-disciplined team dealing with the analysis of mechanical failures and the reconstruction of accidents. Applicant must have 3 to 5 years of work experience, a PE is desired. The candidate should also possess a bachelor’s degree in engineering, preferably mechanical or other related degree. A background in accident reconstruction is preferred but not necessary. The desire to reconstruct accidents is a must. The engineer will possess the willingness to work in the litigation setting and will be given the opportunity to evaluate cases and claims. The company is a smaller engineer-consulting firm with approximately 75 employees. The company’s main office is located in Southeaster, Pennsylvania. A 1-2 month training period in the Southeastern Pennsylvania office may be necessary prior to work in the Pittsburgh office. The candidate should have some foundation in the analysis of technical problems and mechanical analysis of failed or damaged systems. This engineer will also be required to conduct site investigations, to gather crash data, write reports, and testify about the results of the work. Field work and travel will be required and the engineer may be called upon to conduct or assist with the conduct of various types of static and dynamic tests and to make presentations and be questioned on their work. Candidates who join the team must be motivated to succeed in a fast-paced engineering environment. Send resume and cover letter to Rachel Cantor at: Rachel@rcassociatesllc.com.

FORENSIC SCIENTIST - DNA
Forensic Analytical Specialties, Inc., a leading independent criminalistics laboratory located in Hayward, CA, is seeking applicants for the position of Forensic Scientist - DNA. The successful candidate will be joining a team of highly respected forensic scientists providing analysis and consultation for police agencies, prosecutors, and criminal defense attorneys. Qualifications include a degree in forensic science or a related scientific discipline; the ability to qualify as a DNA analyst under DAB guidelines; and a minimum of two years experience in DNA casework within the criminalistics profession. Satisfactory references and completion of a background check will be required of the successful candidate.

CONTACT: Celia Hartnett, Executive Director
Forensic Science Division
Forensic Analytical Specialties, Inc.
3777 Depot Rd, Suite 409
Hayward, CA 94545
(510) 887-8828, ext 148
Fax: (510) 887-4451
CHartnett@forensica.com
www.forensica.com

TOXICOLOGY TECHNICAL OPERATIONS SCIENTIST, IMMUNOASSAY DEVELOPMENT AND DRUG SCREENING
Psychemedics Corporation is seeking applicants for the position of Scientist to work in the Immunoassay Development and Drug Screening Laboratory. Qualifications include a PhD or MS and three years of relevant experience in biology, biochemistry, chemistry, or related disciplines, with experience in immunoassay and interest in forensic toxicology. Responsibilities include performing due diligence in area of drug detection kits, developing an understanding of the current technology in the lab, acting as program manager in parts of development of alternate screening methods, and documenting assay performance for FDA clearance. Must have good bench skills. Application deadline: August 1, 2005.

CONTACT: Virginia Hill
5832 Uplander Way
Culver City, CA 90230
(310) 216-7776
Fax: (310) 216-6662
virginiah@psychemedics.com

EMPLOYMENT OPPORTUNITIES

DNA ANALYST - FORENSIC CASEWORK
The Bode Technology Group is seeking applicants for the position of DNA Analyst. Qualifications include a bachelor's degree in forensic science, biology or a natural science (master's degree preferred); mtDNA and Y-STR analysis experience; and state crime lab or similar crime lab experience. Responsibilities include performing DNA analyses in a forensic casework laboratory. Salary commensurate with education and experience. All applicants must complete an online application at www.choicepoint.com.

CONTACT: Lisa Farr
Human Resources Director
7364 Steel Mill Drive
Springfield, VA 22150
(703) 644-1200
Fax: (703) 644-2311
lisa.farr@bodetech.com

SUPERVISOR
Pathology Associates Medical Laboratories is seeking applicants for the position of Toxicology Technical Operations Supervisor. Qualifications include a bachelor's degree in a biologic or chemical science; previous supervisory experience in a forensic toxicology laboratory; and experience with the operation of GC/MS, GC/FID, and immunoassay instruments. Knowledge of SAMHSA guidelines a plus. Responsibilities include overseeing personnel in the forensic operation of immunoassay, GC/MS, LC/MS, and GC/FID; coordinating the effective management of instrument maintenance and service contracts; and periodic review of quality control. Salary: $45,000 - $55,000/annually.

CONTACT: Elliott Briggs
Technical Manager
110 West Cliff Avenue
Spokane, WA 99206
(800) 541-7891, ext. 8623
Fax: (509) 922-5281
ebriggs@paml.com
<table>
<thead>
<tr>
<th>Item Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAFS Mug — $7</td>
<td></td>
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<tr>
<td>This finely crafted ceramic mug holds a hefty 17 ounces! Available in white with the AAFS logo displayed in dark blue with matching handle and inside.</td>
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<tr>
<td>AAFS Fellow Key/Tie Tac — $150</td>
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<tr>
<td>In 1964, Robert Joling and Edwin Conrad designed an Academy Key. This beautiful 14 karat gold Fellow Key is a perfect addition to any pocket watch fob, or to use as a charm. Also available as a 14 karat gold tie tac.</td>
<td></td>
</tr>
<tr>
<td>AAFS Denim Shirt — $32</td>
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<tr>
<td>Lightweight, 100% combed cotton denim shirts are pre-washed for softness. Two-button adjustable cuffs and rear box pleat add to the tailored details. The antique indigo color is offset by the navy blue custom embroidered AAFS logo. The classic look or casual dress. Available in S, M, L, XL, XXL.</td>
<td></td>
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<tr>
<td>AAFS Mini Swiss Army Knife — $15</td>
<td></td>
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<tr>
<td>Manufactured expressly for AAFS by Victorinox Cutlery in Switzerland. The 2-1/4” Bijou Model includes stainless steel blade, file, and scissors. Blue casing with Duratech finish ensures logo will not wear off, even with years of use!</td>
<td></td>
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<tr>
<td>AAFS Logo Ballcap — $15</td>
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<tr>
<td>First-rate quality, custom made for AAFS by an American manufacturer. You’ll appreciate the top quality craftsmanship of these 100% cotton caps. Royal blue with white logo.</td>
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<tr>
<td>10K AAFS Lapel Pin — $30</td>
<td></td>
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<tr>
<td>Show your pride and elegant taste with the handsome custom designed lapel pin for AAFS members.</td>
<td></td>
</tr>
<tr>
<td>AAFS Logo Tie — $10</td>
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<tr>
<td>Subject to quantities on hand. Distinctive, custom made ties by one of America’s leading tie makers. Tastefully designed for the professional! Fine quality jacquard silk blend weave, available with single or repeated AAFS logo. Choose from navy, charcoal gray, or wine.</td>
<td></td>
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<tr>
<td>AAFS Polo Shirt — $40</td>
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<tr>
<td>The element of style has been distilled into this attractive 100% cotton polo shirt by Cutter &amp; Buck. The embroidered AAFS logo offers that classic look. Available in navy with white logo, or white with navy logo. Limited availability!</td>
<td></td>
</tr>
<tr>
<td>AAFS Sweatshirt — $27</td>
<td></td>
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<tr>
<td>Keep warm and comfortable in this heavyweight cotton sweatshirt with embroidered AAFS logo. Available in grey with blue logo in sizes: M, L, XL, XXL; or in navy with white logo in sizes: L, XL, XXL.</td>
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<tr>
<td>AAFS Tiepin/ Lapel Pin — $12</td>
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<tr>
<td>Available with a gold AAFS logo on a color-filled background, this tiepin is a tasteful way to show your AAFS pride. May also be used as a label pin by removing the chain.</td>
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</tbody>
</table>
**AAFS GOLF BALLS — $15**

This set of three Titleist golf balls provides advanced double cover technology for distance and low spin from tee to green. Each ball comes with the AAFS logo in black.

**AAFS BALL MARKER REPAIR TOOL — $12**

This gold magnetic ball marker repair tool will be the envy of all your golfing buddies! Comes with AAFS logo in black on round ball marker.

**AAFS MONEY CLIP — $20**

With the AAFS logo in black on this gold, double-spring money clip, you will be sure to impress others.

**AAFS MEMBERSHIP CERTIFICATE — $10**

Show that you belong to the world’s most prestigious forensic science organizations with this 11 x 8 1/2” certificate. Printed in dark blue on heavyweight gray parchment with a silver embossed seal and blue and white ribbons. Certificate is individualized with name, degree, section, status, and status date. Does not include frame. Available only to AAFS Associate Members, Members, Fellows, Retired Members, and Retired Fellows.

### SHOW YOUR PRIDE ORDER FORM

<table>
<thead>
<tr>
<th>QTY.</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
<th>COLOR</th>
<th>PRICE</th>
<th>TOTAL $</th>
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<tr>
<td></td>
<td>AAFS Mug</td>
<td></td>
<td></td>
<td>$ 7.00</td>
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<td></td>
<td>Logo Tie - ☐ Single Logo</td>
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<td>☐ Repeated Logo</td>
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<tr>
<td></td>
<td>Mini Swiss Army Knife</td>
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<td>$ 15.00</td>
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<td></td>
<td>Ballcap</td>
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<td></td>
<td>10K Lapel Pin</td>
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<td>$ 30.00</td>
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<td>14K Fellow Key/Tie Tac</td>
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<td>$150.00</td>
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<td></td>
<td>Denim Shirt</td>
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<td>Polo Shirt</td>
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<td>Sweatshirt</td>
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<td>Tie Pin</td>
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<td>Ball Marker Repair Tool</td>
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<td>Money Clip</td>
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<td></td>
<td>Membership Certificate</td>
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<td>(print name as you want it to appear)</td>
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**NAME**

**ADDRESS**

**CITY**

**STATE**

**ZIP**

**PHONE**

**FAX**

**E-mail:**

☐ Check or Money Order (payable to AAFS)

☐ Charge to: ☐ VISA ☐ MasterCard ☐ AmEx

**Account #**

**Expiration Date**

**Signature**

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AAFS
410 North 21st Street
COLORADO SPRINGS, CO 80904-2798
FAX: (719) 636-1993
Do you know someone who may be interested in AAFS membership?

Please provide the information below and AAFS will send an application to:

Name: ________________________________________________________________
Address: _____________________________________________________________________
City: ________________________________________________________________________
State/Province: ___________________________ Zip/Postal Code: _______________________

Please provide your name so the potential applicant will know who requested the application. AAFS will also recognize you by placing a Sponsor badge in your 2006 Annual Meeting registration packet. Please detach form and return to AAFS. Thank you.
Your name: ______________________________________________________________________

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advancement of the
Forensic Sciences and
Forensic Scientists

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You will receive the Journal of Forensic Sciences devoted to the publication of original investigations, observations, scholarly inquiries and reviews in the various branches of the forensic sciences. This is the official bi-monthly publication of the AAFS.

Your involvement will contribute to the advancement of the forensic sciences.

You will receive the bi-monthly Academy News which will keep you informed of professional issues, upcoming forensic meetings, and conferences, job opportunities, section news, and Forensic Sciences Foundation activities.

For more information:

Phone: (719) 636-1100
Fax: (719) 636-1993

New Applicant Services Only:
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